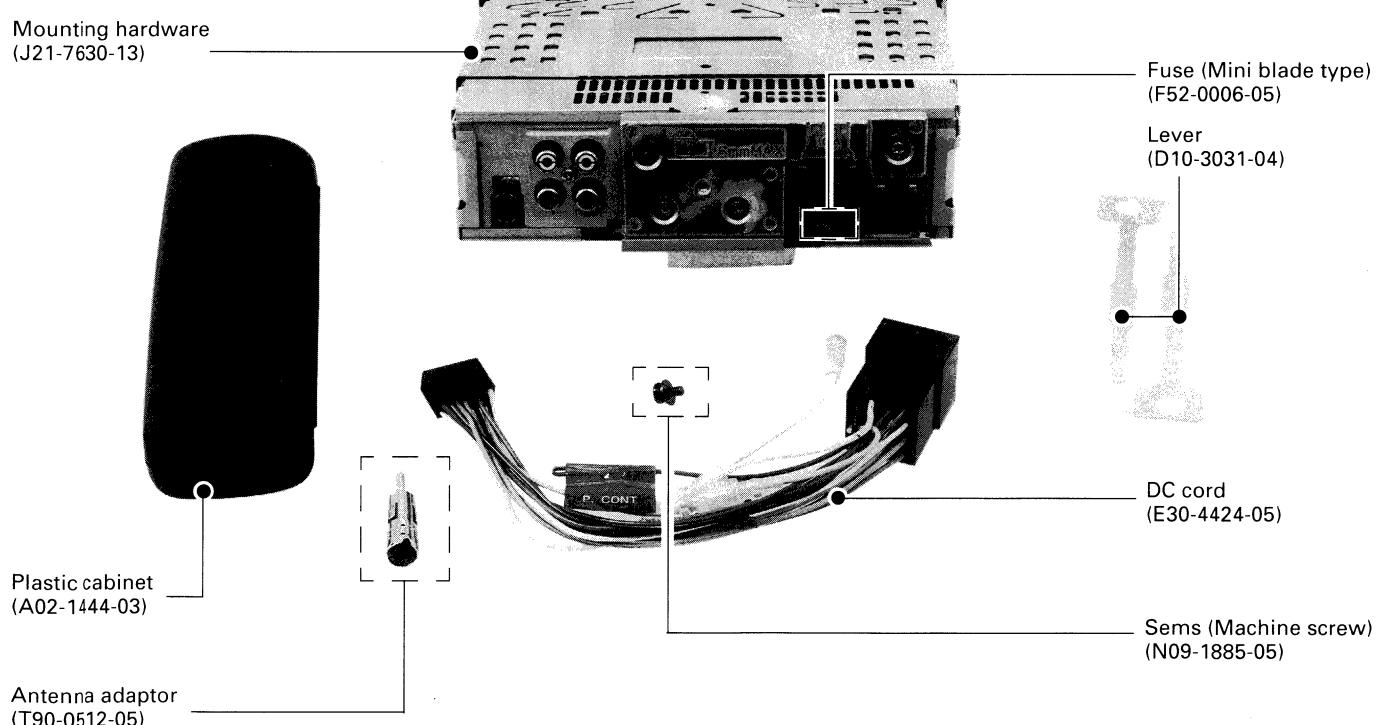
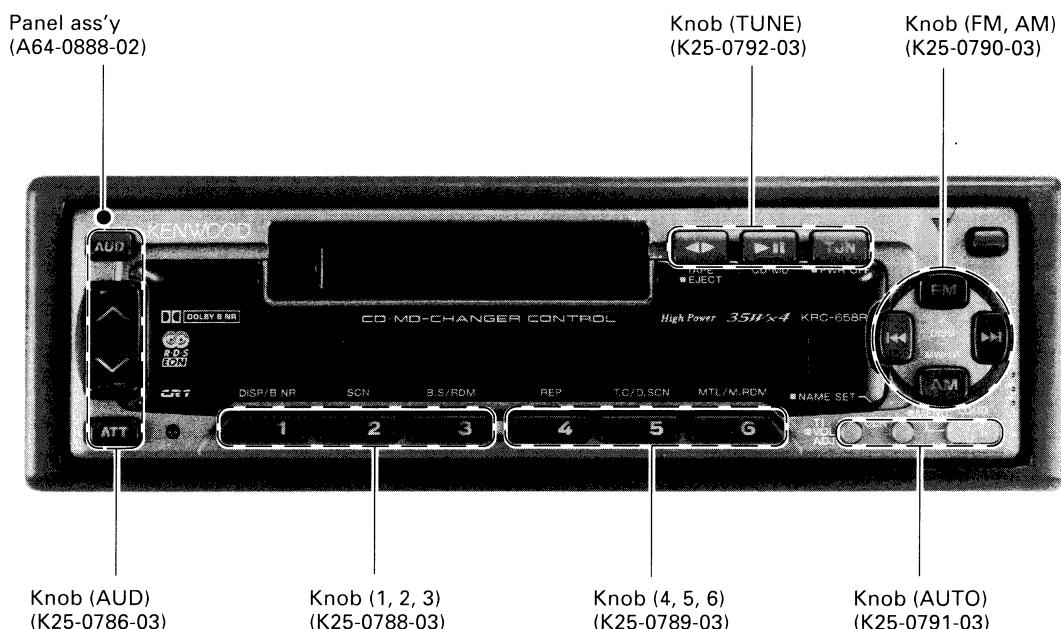


CASSETTE RECEIVER
KRC-658R
 SERVICE MANUAL

KENWOOD

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 B51-7069-00 (N) 2278



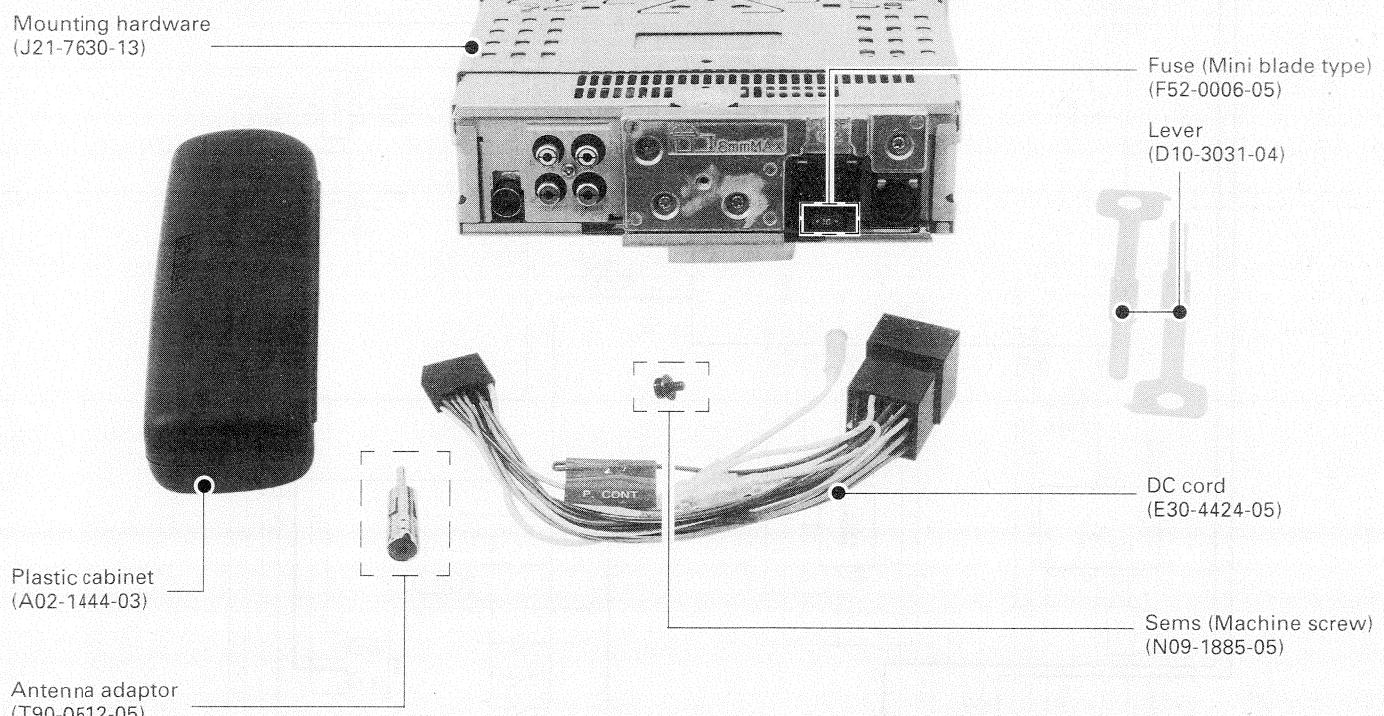
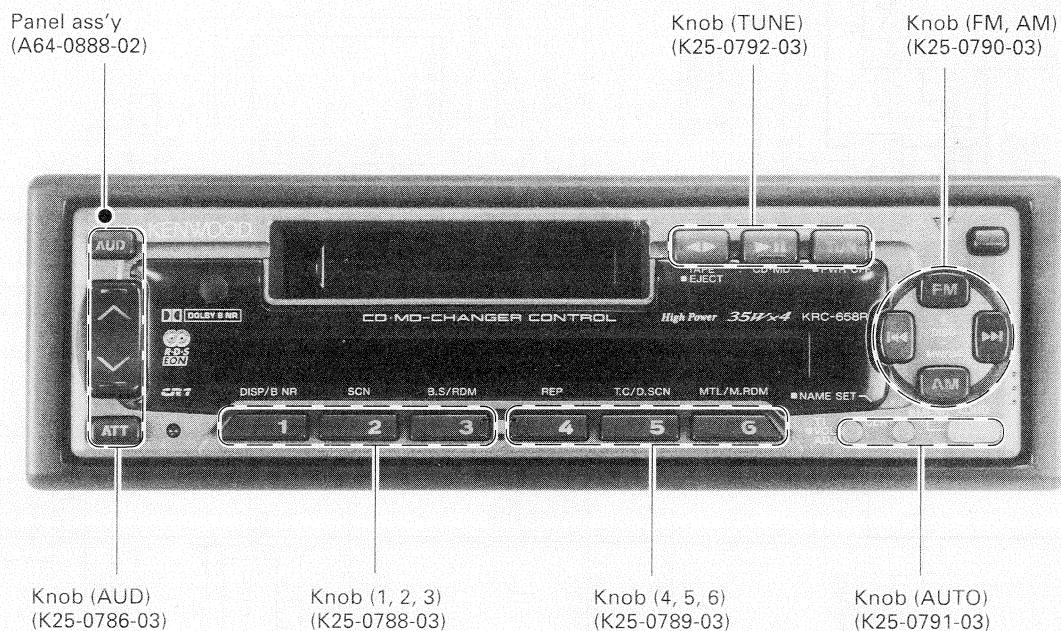
Mechanism extension cord for service
 7P : W05-0477-00
 10P : W05-0609-00

DC cord for service : E30-4335-05

CASSETTE RECEIVER
KRC-658R
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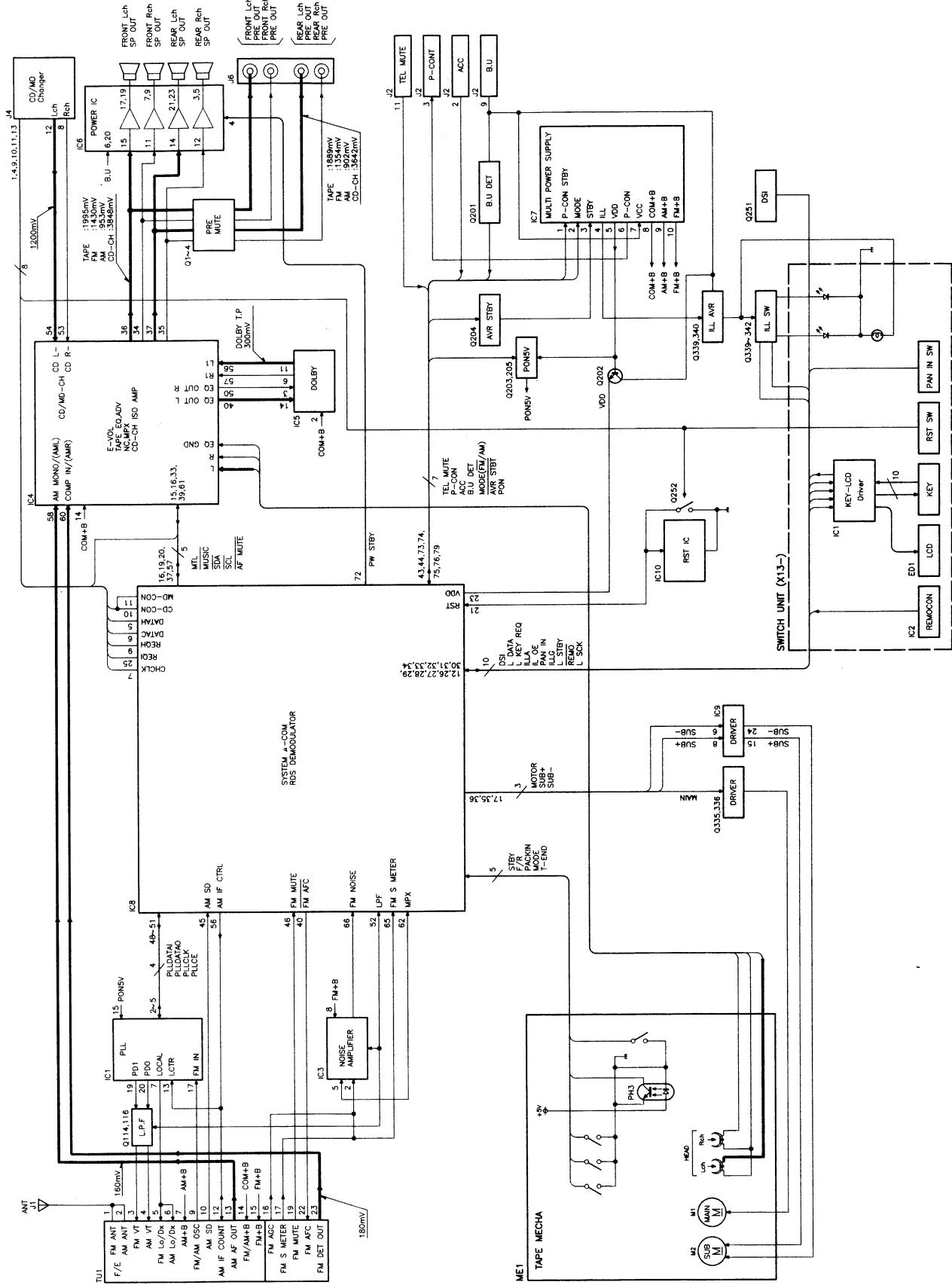


Mechanism extension cord for service
7P : W05-0477-00
10P : W05-0609-00

DC cord for service : E30-4335-05

KRC-658R

BLOCK DIAGRAM



CIRCUIT DESCRIPTION

Microprocessor : ST7285A5Q6ACLK (IC8, X14-)

Terminal description

No.	Pin name	I/O	Function	Port logic	Power OFF
1	GNDP	-	Output buffer GND.		
2	VDDP	-	Output buffer power supply.		
3	OSCOUT	O	Oscillator output.		
4	OSCIN	I	Oscillator input.		
5	DATAH	O	5-line communication – data, head unit.		L
6	DATAC	I	5-line communication – data, disc-CH.		
7	CHCLK	I	5-line communication – clock, head unit.	Active "L"	
8	GND	I	GND.		
9	REQH	O	5-line communication – request, head unit.	Active "L"	H
10	CHCON1	O	Disc-CH 1.	Active "H"	L
11	CHCON2	O			L
12	REMO	I	Remote control input.		
13	PACKIN	I	Tape pack IN.		
14	-	O	Not used.		L
15	T-STBY	I	Tape – standby.		
16	MUSIC	I	Tape – music.		
17	MOTOR	O	Tape – main motor.	Active "H"	L
18	DOLBY	O	Tape – Dolby.	Active "H"	L
19	SCL	O	12C bus – clock.		OPEN
20	SDA	I/O	12C bus – data.		OPEN
21	RESET	I	Hardware reset.	Active "L"	
22	VPP	I	μ -COM test mode (fixed at "L" in normal operation).		
23	VDD	I	Full logic circuit power.		
24	GND	I	Full logic circuit GND.		
25	REQC	I	5-line communication – request, disc-CH.	Active "L"	
26	ILLA	O	Illumination – amber.	Active "H"	L
27	ILLG	O	Illumination – green.	Active "H"	L
28	DSI	O	DSI.	Active "H"	
29	L OE	O	LCD driver – all segment enable.	Active "H"	L/H
30	L STB	O	LCD driver – strobe.		L
31	L SCK	O	LCD driver – clock.		L
32	L DATA	I/O	LCD driver – data.		L/H
33	L KEYREQ	I	LCD driver – key request.		
34	PANIN	I	Panel inserted.	Active "L"	
35	SUB+	O	Tape – sub-motor (+).		L
36	SUB-	O	Tape – sub-motor (-).		L
37	MTL	O	Tape – metal.	Active "H"	L
38	(KICK)	O	Not used.		L
39	NC	O	Not used.		L
40	AFC	O	Tuner – FM AFC.	Active "L"	L

KRC-658R

CIRCUIT DESCRIPTION

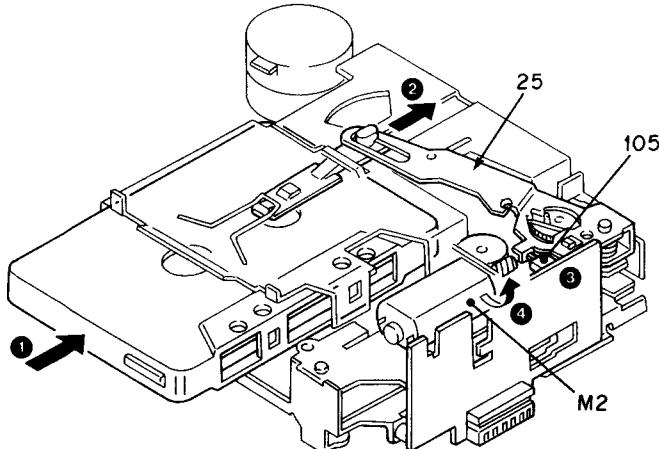
No.	Pin name	I/O	Function	Port logic	Power OFF
41	GNDP	I	Output buffer GND.		
42	VDDP	I	Output buffer power.		
43	ACC	I	ACC.	1.27V (TH)	
44	BUP	I	Open (because of built-in pull-up resistor).	3.0V (TH)	
45	AMSD	I	Tuner – AM SD.	Active "H"	
46	FMMUTE	I	Tuner – FM band muting.	Active "L"	
47	TAPE-F/R	I	TAPE HEAD FORWARD / REVERSE.	F : H / R : L	
48	P DI	I	PLL IC – data input.		
49	P DO	O	PLL IC – data output.		L
50	P CL	O	PLL IC – clock.		L
51	P CE	O	PLL IC – chip enable.		L
52	LPF	O	Tuner – FM LPF.	Active "L"	L
53	PNSW1	I	H : KRC-658, L : KRC-558.		
54	PNSW2	I			
55	(PANT)	O	Not used.		L
56	IF CTRL	O	Tuner – AM IF control.	Active "L"	L
57	AFMUTE	O	Tuner – FM AF high-speed muting.	Active "L"	L
58	MUTE	O	Muting.	Active "L"	L
59	RDSCOMP	O	RDS COMP output.		
60	RDSFIL	O	RDS filter output.		
61	RDSFIL	I	RDS reference input.		
62	MPX	I	RDS input signal.		
63	VDDA	I	Analog power.		
64	GNDA	I	Analog GND.		
65	SMETER	I	Tuner – FM S meter.		
66	NOISE	I	Tuner – FM noise		
67	T-MODE	I	Tape – mode.		
68	T-END	I	Tape – end.		
69	–	I			L
70	–	I			L
71	BUP	I	Back-up.	Active "L"	
72	PW STBY	O	Power IC standby.	Active "H"	L
73	FM/AM	O	Tuner – FM/AM selection.	FM : "L"	L
74	AVR STBY	O	AVR standby.	Active "H"	L
75	PON	O	Power ON 5V.	Active "H"	L
76	PCON	O	Power control.	Active "H"	L
77	TEST	O	Test mode ON.	Active "H"	L
78	–	O			L
79	PHONE	I	Phone interface.	Active "H"	
80	BEEP	O	Beep.		L

KRC-658R

MECHANISM OPERATION DESCRIPTION

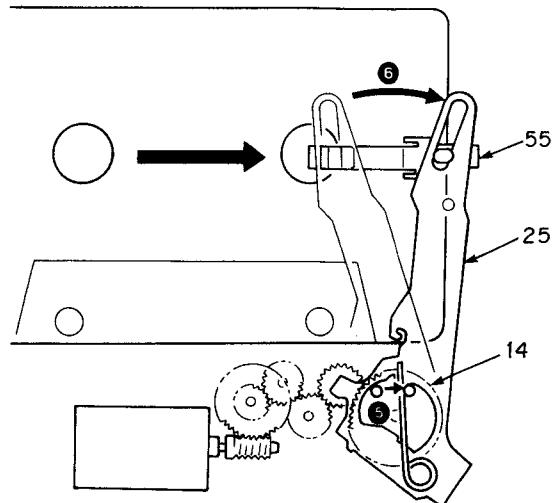
1. Loading

When the cassette tape is pushed in ①, the loading arm (25) moves via the pack slider (55) ②. Thus, the pack-in switch (105) detects this ③, and the sub motor (M2) makes normal rotation ④.



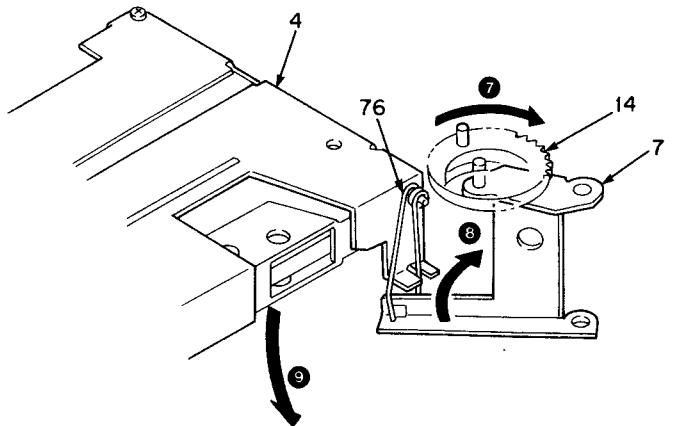
The rotation of the sub motor (M2) cause the load gear (14) to rotate by way of the idle gear ⑤.

The load gear (14) provides the rotation of the loading arm (25) by this pin ⑥, to load in the cassette tape.



2. Pack down

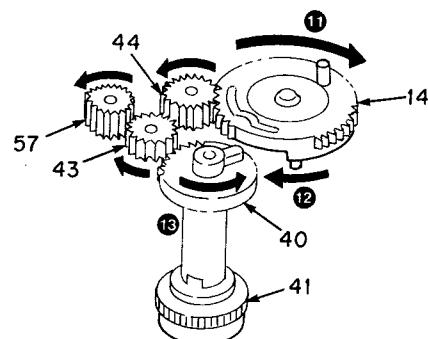
When the load gear (14) further rotates ⑦, the action arm (7) also rotates ⑧ to lower the action plate (4) ⑨, by way of the action plate spring (76).



3. Change from Load Gear to Mode Gear

When the load gear (14) further more rotates ⑪, the boss under it pushes against the boss of the mode gear (40) ⑫, so that the mode gear (40) rotates after the shift of its non-toothed section ⑬.

Thus, the load gear (14) stops rotation on account of its non-toothed section coming.



KRC-658R

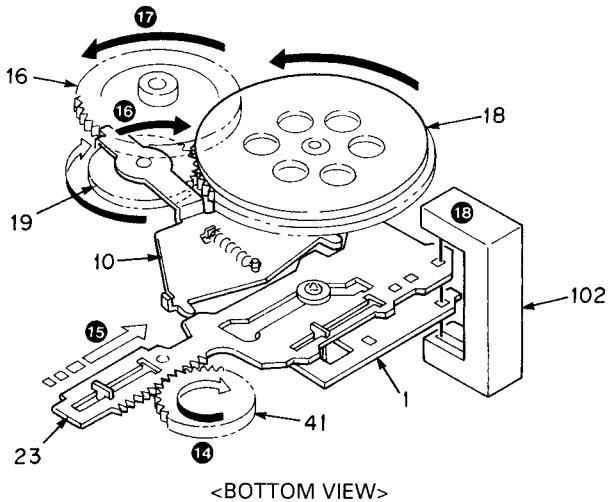
MECHANISM OPERATION DESCRIPTION

4. REW

When the mode gear (41) rotates ⑯, the FR plate (23) under it moves ⑯. The cam of the FR plate (23) works to rotate the FR arm (10) ⑯.

Further, the FR arm (10) moves to transmit the rotation of the flywheel (18) to the reel gear (16) ⑯.

At this time, a slot (REW hole) of the FR plate (23) is detected by the mode sensor (102) ⑯, to stop the rotation of the sub motor.

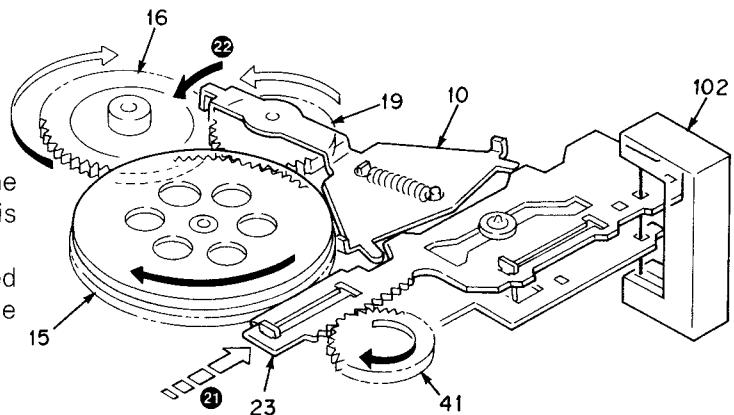


<BOTTOM VIEW>

5. FF

When the sub motor further rotates, the cam of the FR plate (23) moves ⑯ so that the FR arm (10) is rotated in the reverse direction ⑯.

Thus, a slot (FF hole) of the FR plate (23) is detected by the mode sensor (102) to stop the rotation of the sub motor.

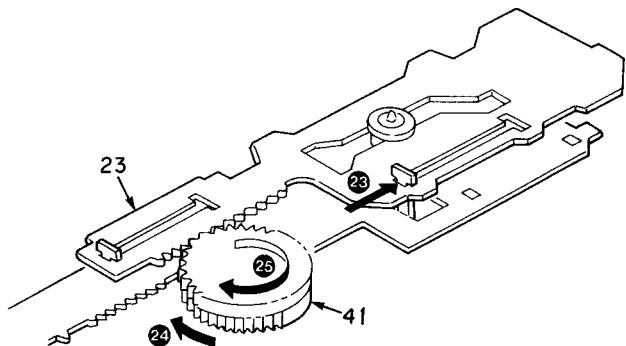


<BOTTOM VIEW>

6. Change from FR Plate to PRO Plate

When the sub motor further rotates, the hole of the FR plate (23) hits against the knob of the PRO plate (22) ⑯, so that the PRO plate (22) moves.

Thus, the rack of the PRO plate (22) enters into engagement with the mode gear ⑯. Then, the rack of the FR plate (23) is disengaged from the mode gear because of its non-toothed section coming ⑯.



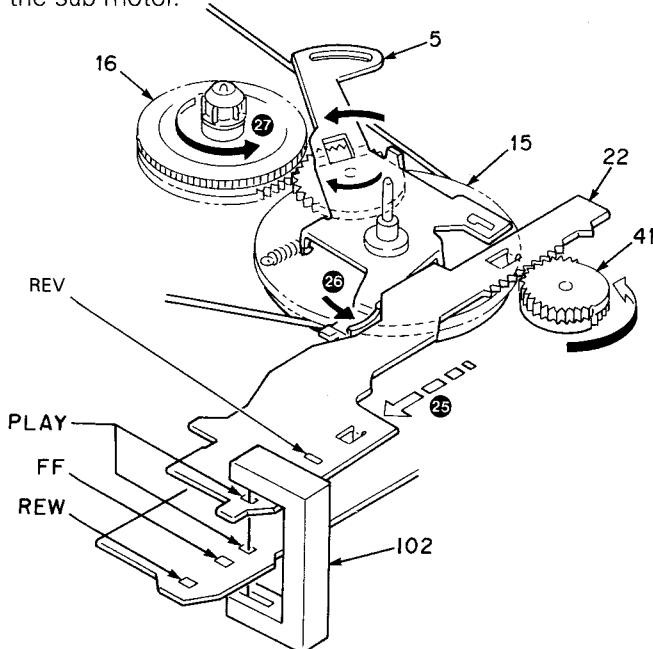
KRC-658R

MECHANISM OPERATION DESCRIPTION

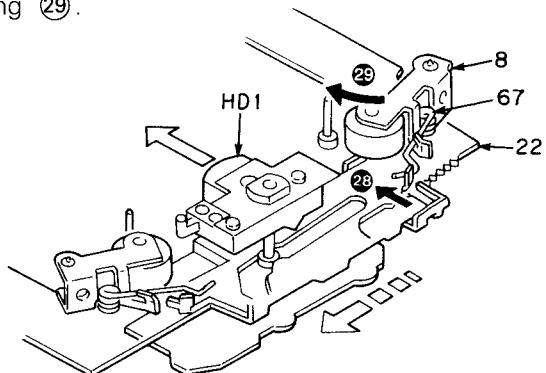
7. FWD PLAY

When the PRO plate (22) moves ②, the take-up plate F is rotated by the cam of the PRO plate (22) and the take-up gear (45) engages with the reel ass'y (16) ⑥. The rotation of the flywheel (15) is transmitted to the reel ass'y (16) by way of the take-up gear (45) ⑦.

Thus, a slot (PLAY hole) of the PRO plate (22) is detected by the mode sensor (102) to stop the rotation of the sub motor.



The groove of PRO plate (22) serves to advance the head plate (2) ⑧, to move the head and the pinch roller (8) to their FWD PLAY position. The pinch roller (8) is contacted to the capstan (15) by pressure due to the shift to the take-up plate and the force of the pinch roller spring ⑨.

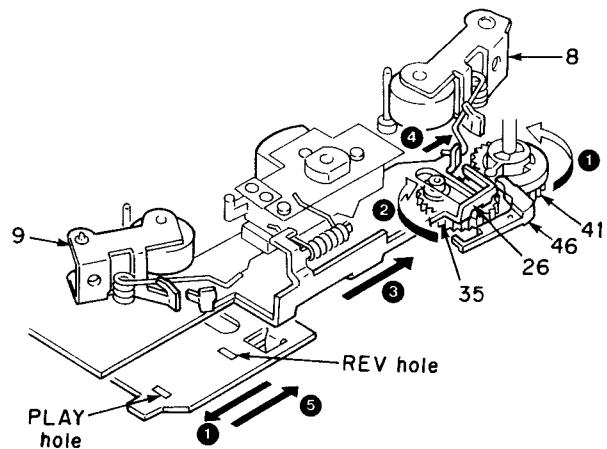
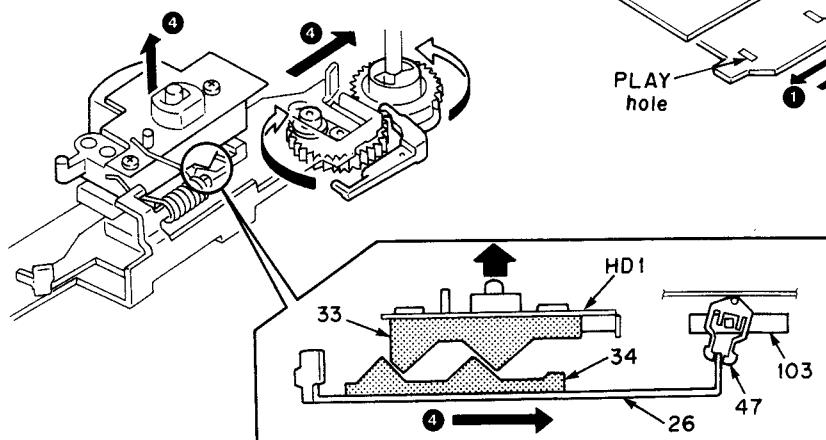


8. REV PLAY (PROGRAM)

When the tape end is reached or the PROGRAM switch is pressed, the sub motor (M2) rotates and cause the mode gear (41) to rotate ①.

The mode gear (41) unlocks the lock lever (46) and cause the reverse gear (35) to rotate by a half turn ②. The reverse gear (35) moves the reverse slider (26) ③.

The reverse slider (26) changes the pinch rollers (8, 9), slide switch (103) and the height of the PB head ④.

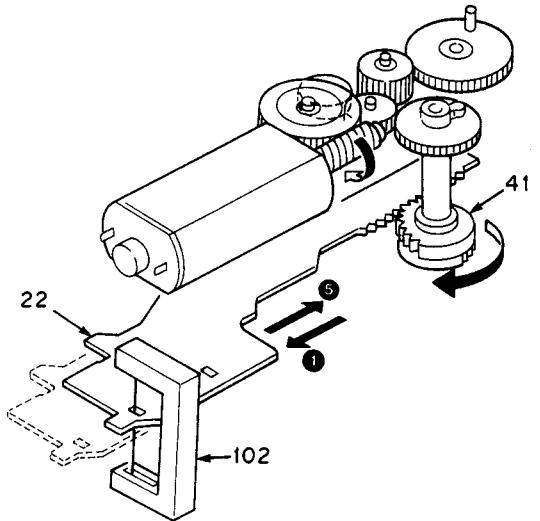


KRC-658R

MECHANISM OPERATION DESCRIPTION

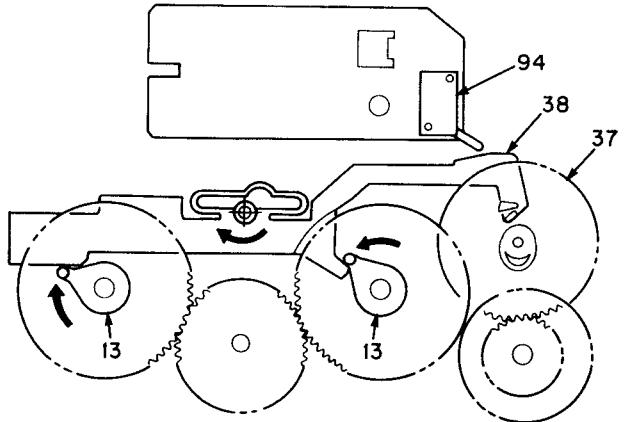
When the mode sensor (102) detects the REV hole on the PRO plate (22), the sub motor rotates in the reverse direction and stops when the mode sensor (102) detects the PLAY hole on the PRO plate (22) ⑤.

During the above operation, the reverse gear (35) does not rotate thanks to the lock lever (46).



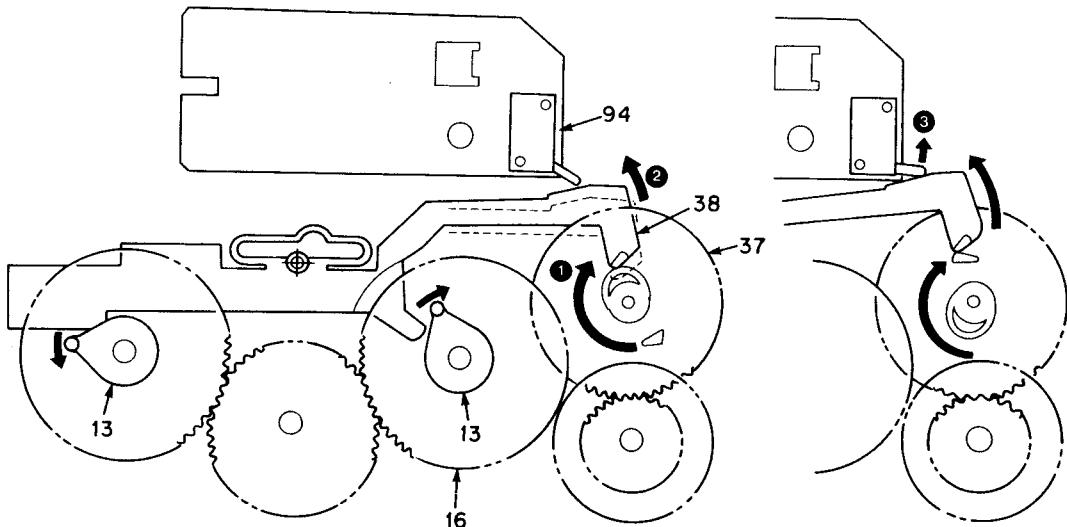
9. AUTO REVERSE (End detect)

When the end of the tape is reached during playback and the reel disk assembly (16) stops rotating, the ED plate (38) is pushed by the ED gear (37) ①.



The ED gear (37) rotates and the boss pushes the ED plate (38) further ②. The ED plate (38) pushes the ED switch (94) ③.

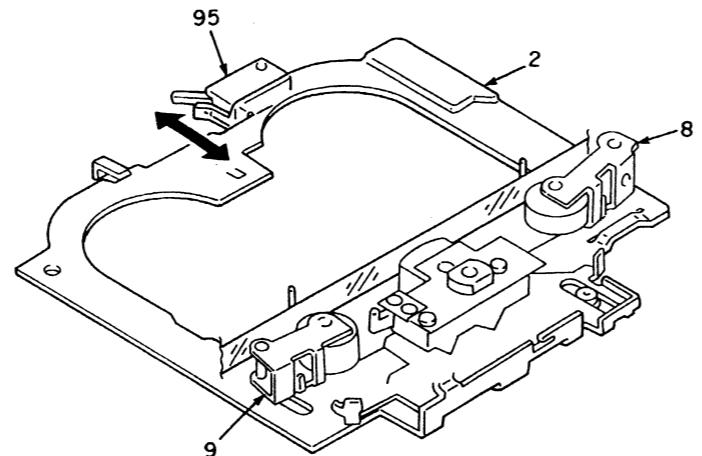
The ED switch (94) starts the PROGRAM operation.



MECHANISM OPERATION DESCRIPTION

10. STANDBY (PAUSE)

From a given mode, when the head plate (2) regresses due to the reverse rotation of the sub motor rotates, when the pause switches (95) acts ("L" to "H") to stop the rotation of the sub motor, the pause mode is entered.

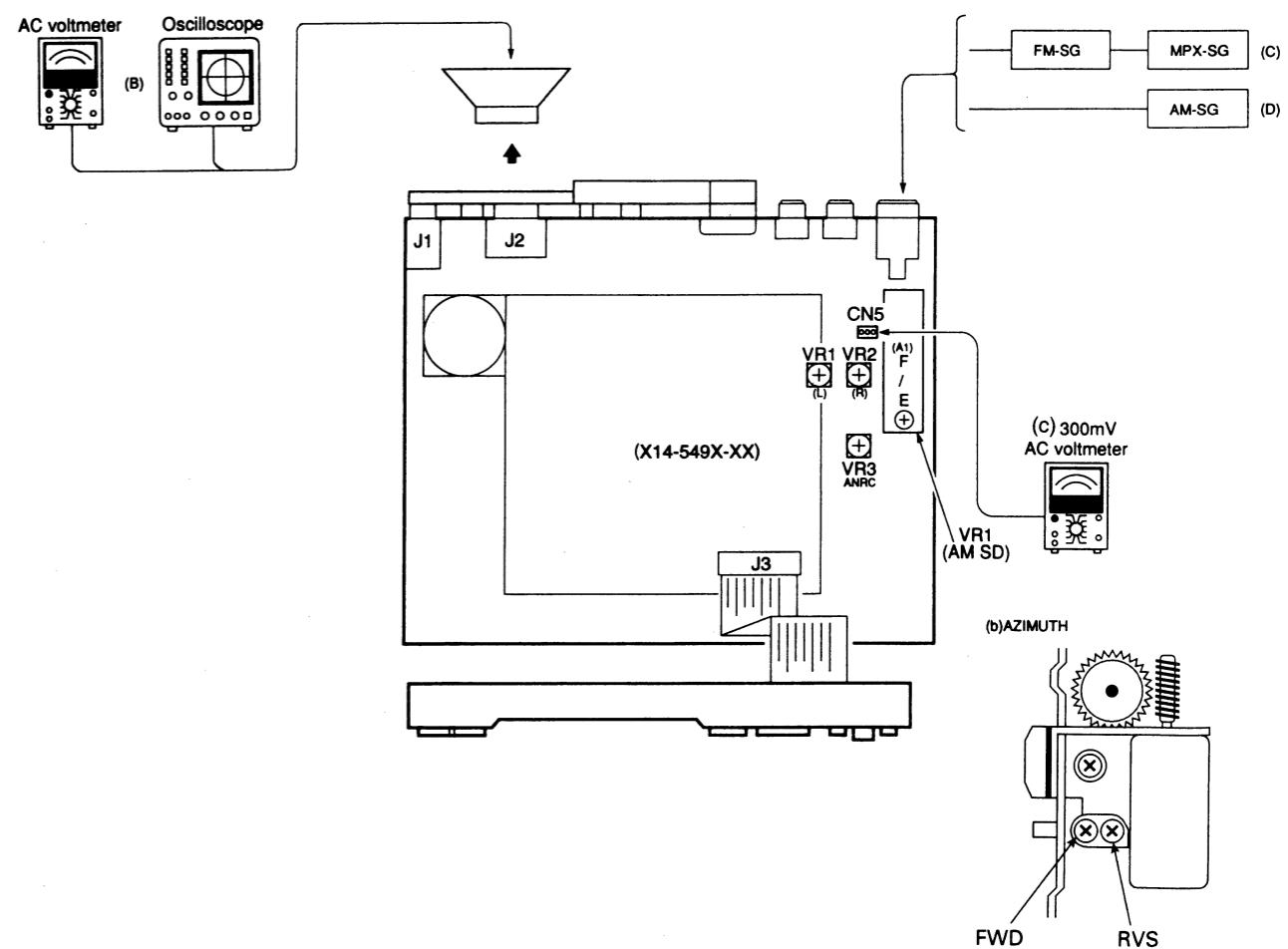


11. EJECT

When the sub motor is reversely rotated, an operation reverse to the loading operation is performed to eject the cassette tape.

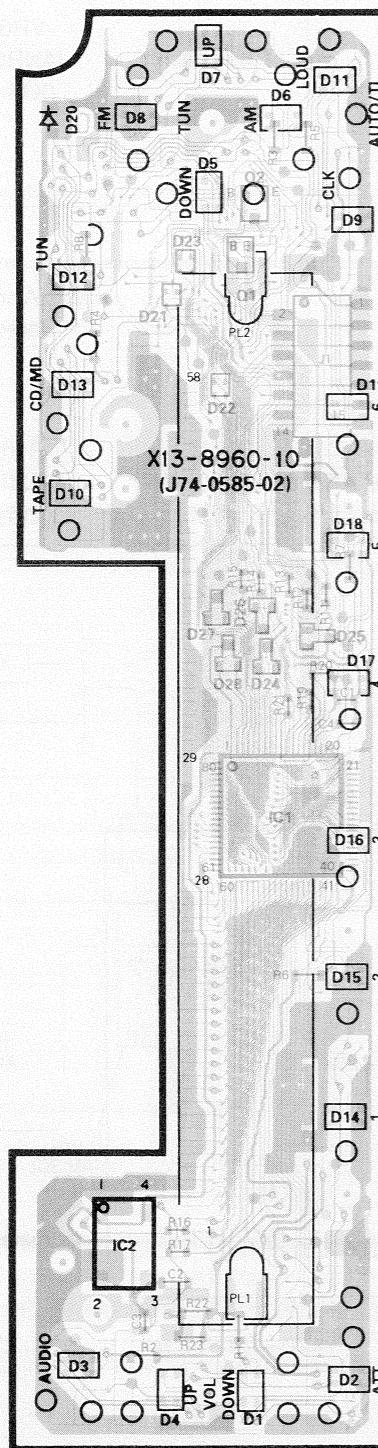
ADJUSTMENT

NO.	ITEM	INPUT SETTINGS	OUTPUT SETTINGS	TUNER (RECEIVER) SETTINGS	ALIGNMENT POINTS	ALIGN FOR	FIG.
FM SECTION							
1	ANRC	(C) 98.1 MHz 1KHz, ±40kHz dev Pilot: ±6.0kHz dev Selector : L or R 35dBu(ANT input)	(B)	FM98.1MHz	VR3 (ANRC) (X14-)	Separation 10dB	
CASSETTE DECK SECTION							
1	AZIMUTH	MTT-114 10kHz	(B)	TAPE PLAY	Head Azimuth Screw	Adjust the azimuth for each L ch/ R ch or FWD/RVS becomes maximum.	(b)
2	PLAY BACK LEVEL	MTT-150	Connect an AC voltmeter to CN5. (X14-)	TAPE PLAY	VR1(L) VR2(R) (X14-)	300mV	(c)

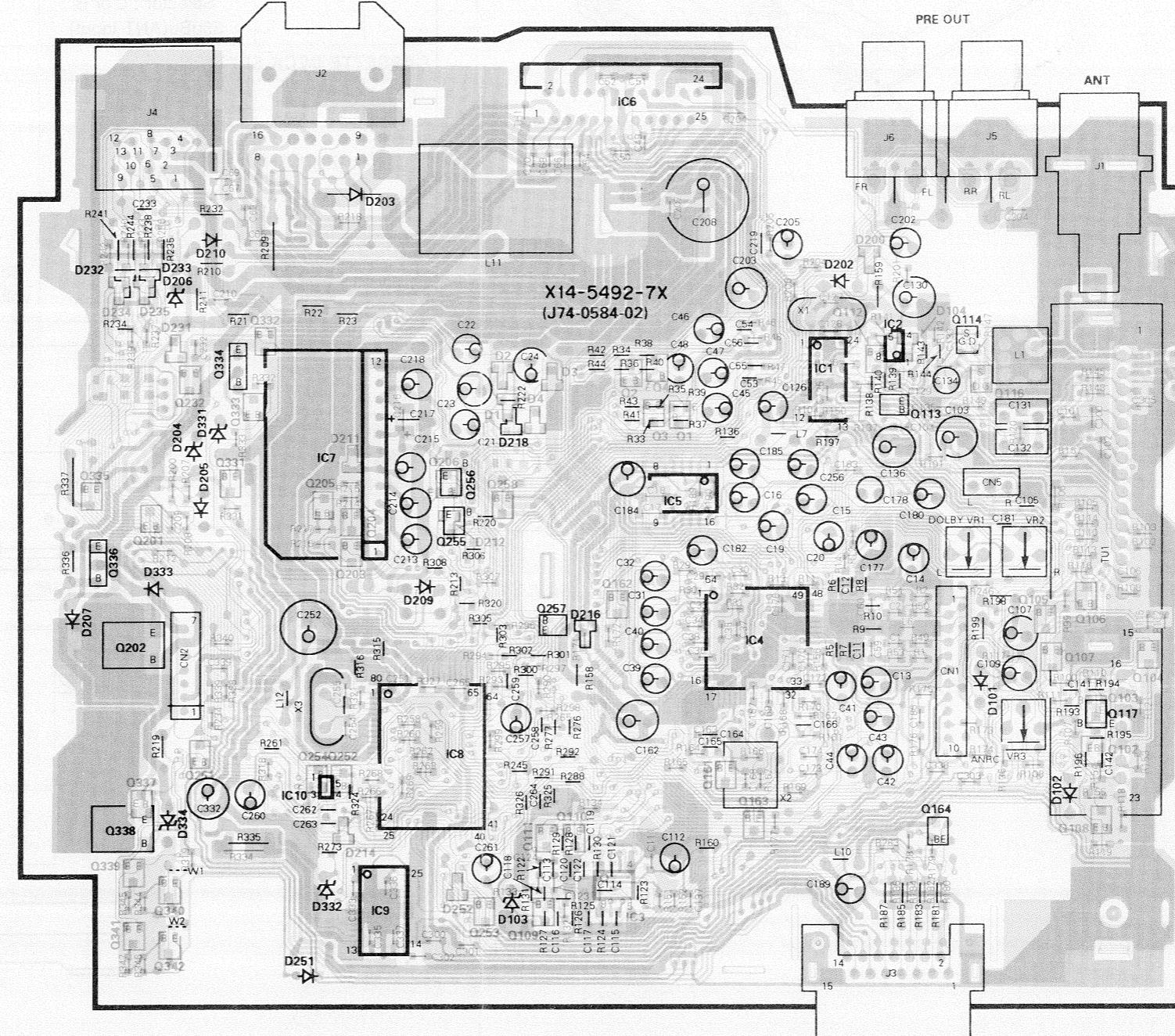


PC BOARD (COMPONENT SIDE VIEW)

SWITCH UNIT : X13-8960-10



SYNTHESIZER UNIT : X14-5492-70



(X14-5492-70)				
IC	Q	address		
1		4G	161	6G
2		4G	162	5F
3		6F	163	6G
4		5G	164	6G
5		4F	201	4D
6		3F	202	5D
7		4E	203	5E
8		5E	204	4E
9		6E	205	4E
10		6E	206	4E
	1	4F	232	4D
	2	4F	251	5D
	3	4F	252	6E
	4	4F	253	6E
	102	5H	254	6E
	103	5H	255	4E
	104	5H	256	4E
	105	5H	257	5F
	106	5H	258	5F
	107	5H	331	4D
	108	6H	332	4E
	109	6F	333	4D
	110	6F	334	4D
	111	6F	335	4D
	112	4G	336	5D
	113	4G	337	6D
	114	4H	338	6D
	116	4H	339	6D
	117	5H	340	6D
			341	6D
			342	6D

(X13-8960-10)		
IC	Q	address
1		5C
2		6B
	1	3C
	2	3C

Refer to the schematic diagram for the values of resistors and capacitors.

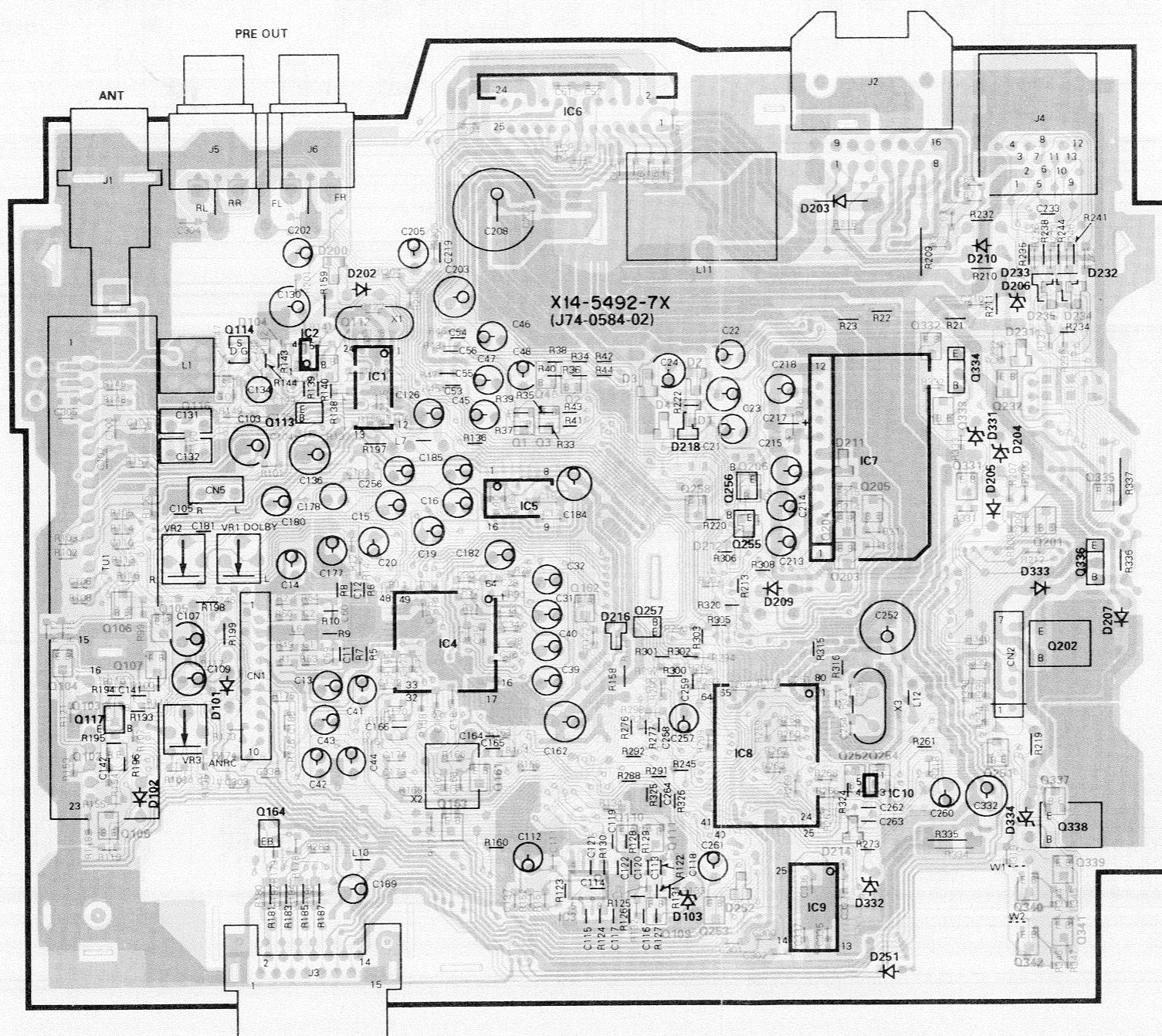
PC BOARD (FOIL SIDE VIEW)

SWITCH UNIT : X13-8960-10

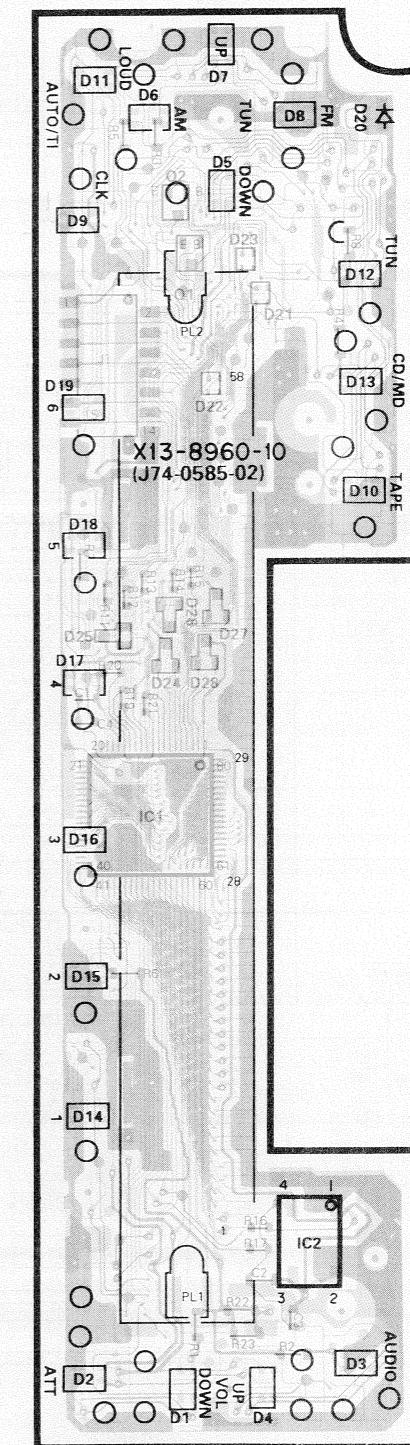
(X14-5492-70)		
IC	Q	address
1		4N
2		4N
3		6Q
4		5N
5		4O
6		3O
7		4P
8		5P
9		6P
10		6P
1	1	4O
2	2	4O
3	3	4O
4	4	4O
102	102	5M
103	103	5M
104	104	5M
105	105	5M
106	106	5M
107	107	5M
108	108	6M
109	109	6O
110	110	6O
111	111	6O
112	112	4N
113	113	4N
114	114	4M
116	116	4M
117	117	5M
161		6N
162		5O
163		6N
164		6N
201	201	4Q
202	202	5Q
203	203	5P
204	204	4P
205	205	4P
206	206	4P
232	232	4Q
251	251	5Q
252	252	6P
253	253	6P
254	254	6P
255	255	4P
256	256	4P
257	257	5O
258	258	5O
331	331	4Q
332	332	4P
333	333	4Q
334	334	4Q
335	335	4Q
336	336	5Q
337	337	6Q
338	338	6Q
339	339	6Q
340	340	6Q
341	341	6Q
342	342	6Q

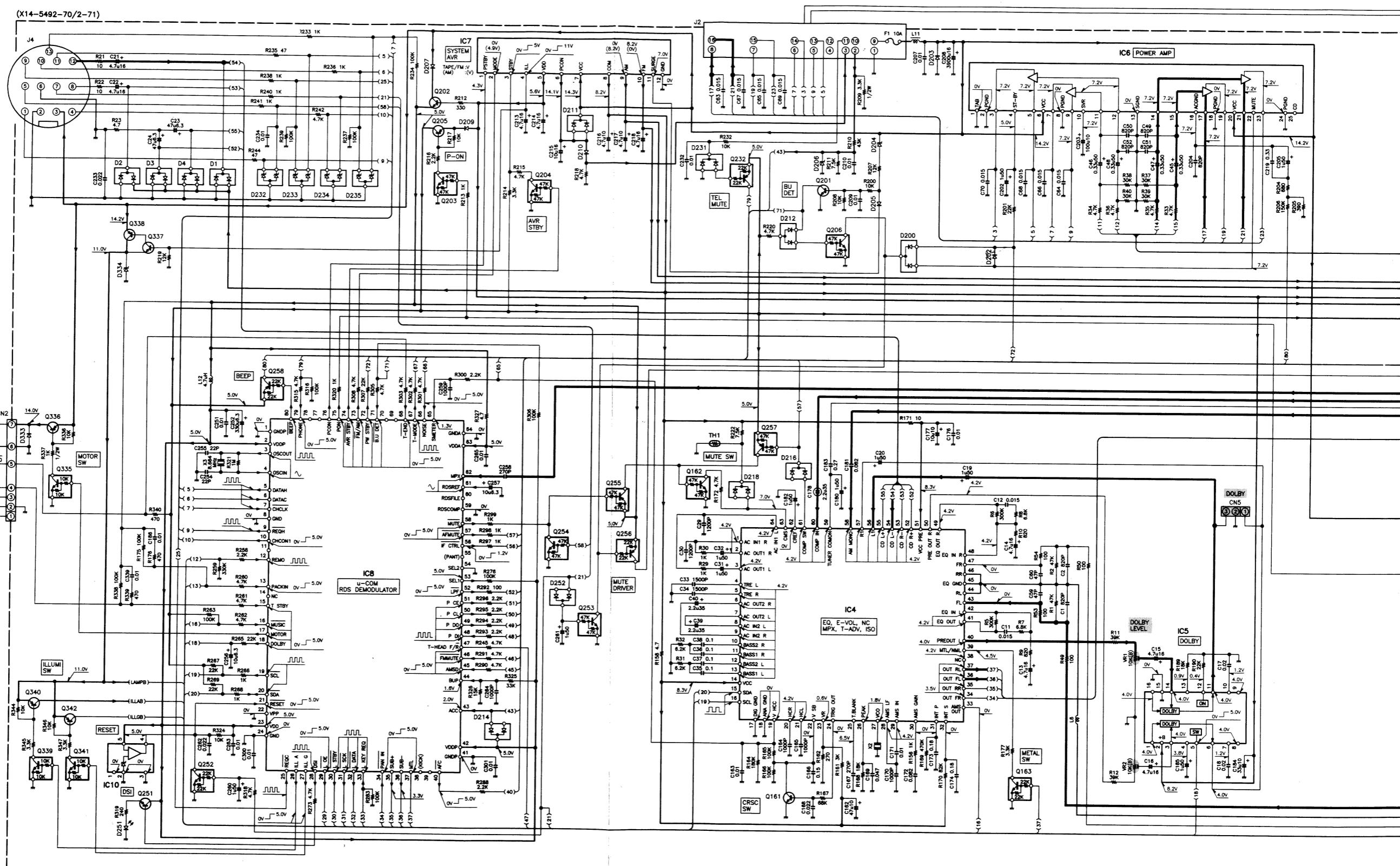
(X13-8960-10)		
IC	Q	address
1	1	5R
2	2	6S
1	1	3R
2	2	3R

SYNTHESIZER UNIT : X14-5492-70



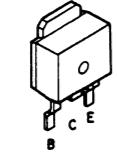
Refer to the schematic diagram for the values of resistors and capacitors.



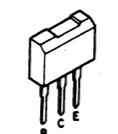


DTA114EK DTC143TK
DTA124EK DTC144EK
DTA144EK 2SA1036K
DTC114EK 2SA1037K
DTC114TK 2SC2412K
DTC124EK

2SB1184



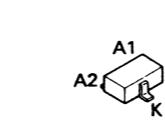
2SB1443



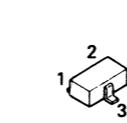
NJM4565M-TE2



DAN202K



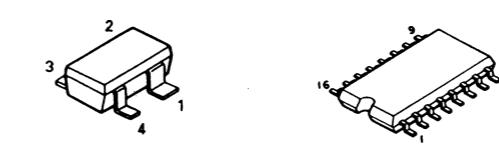
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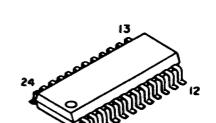
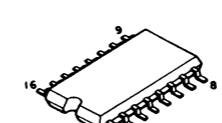
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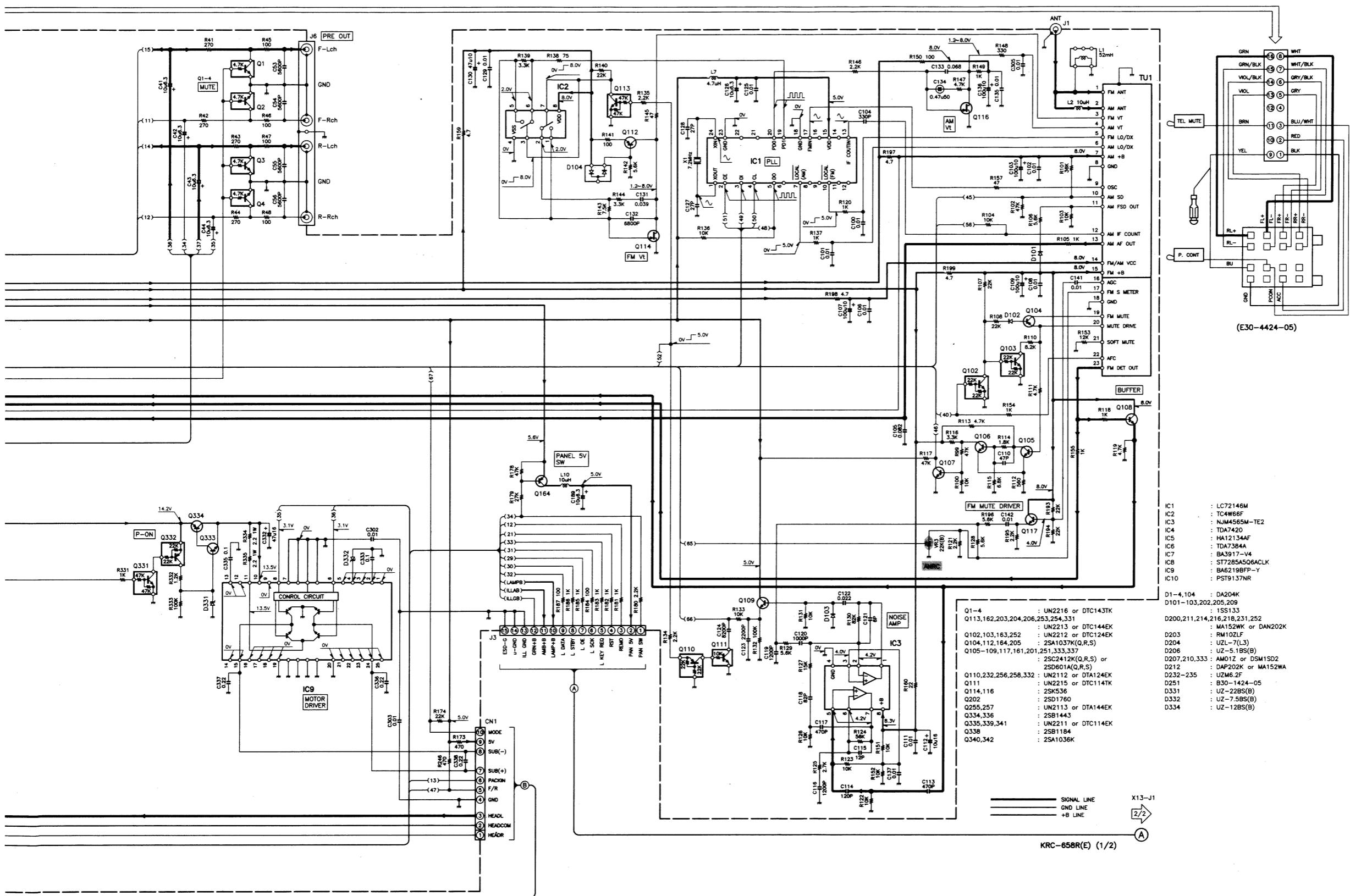
DA2023



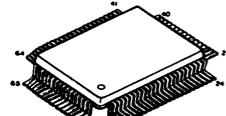
110/12/10



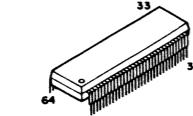
K L M N O P Q R S T



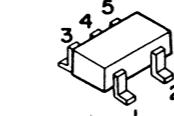
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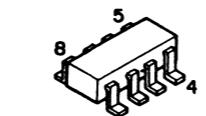
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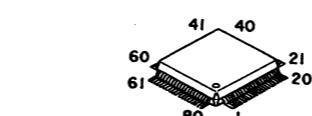
PST9137NR



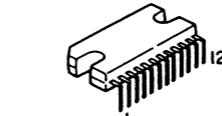
TC4W66F



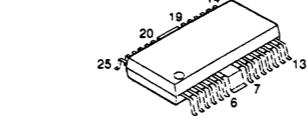
UPD16431A



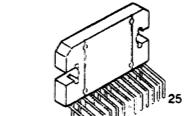
BA3917-V4



BA6219BFP-Y



TDA7384A



KRC-658R
KENWOOD

U

V

W

X

Y

Z

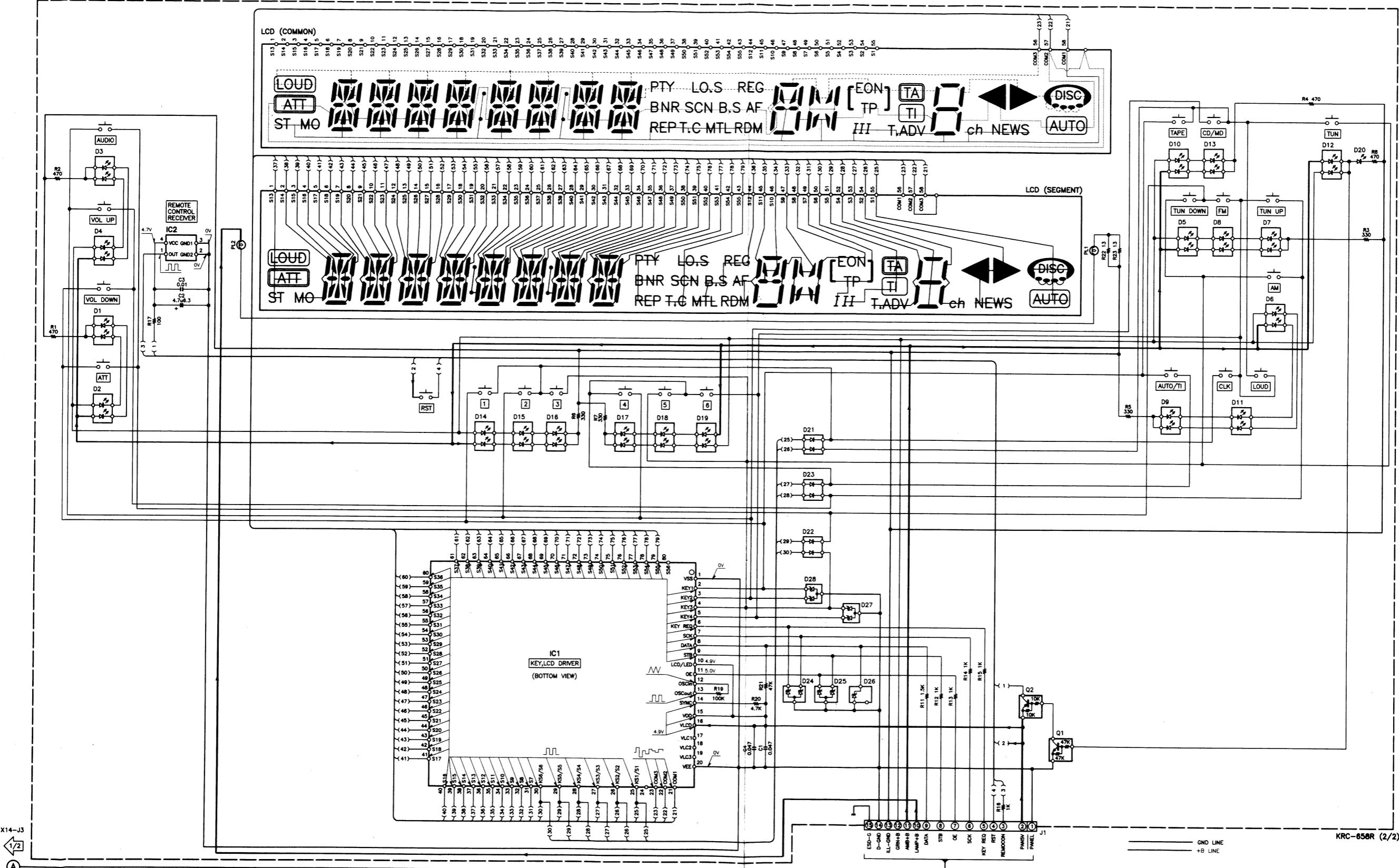
AA

AB

AC

AD

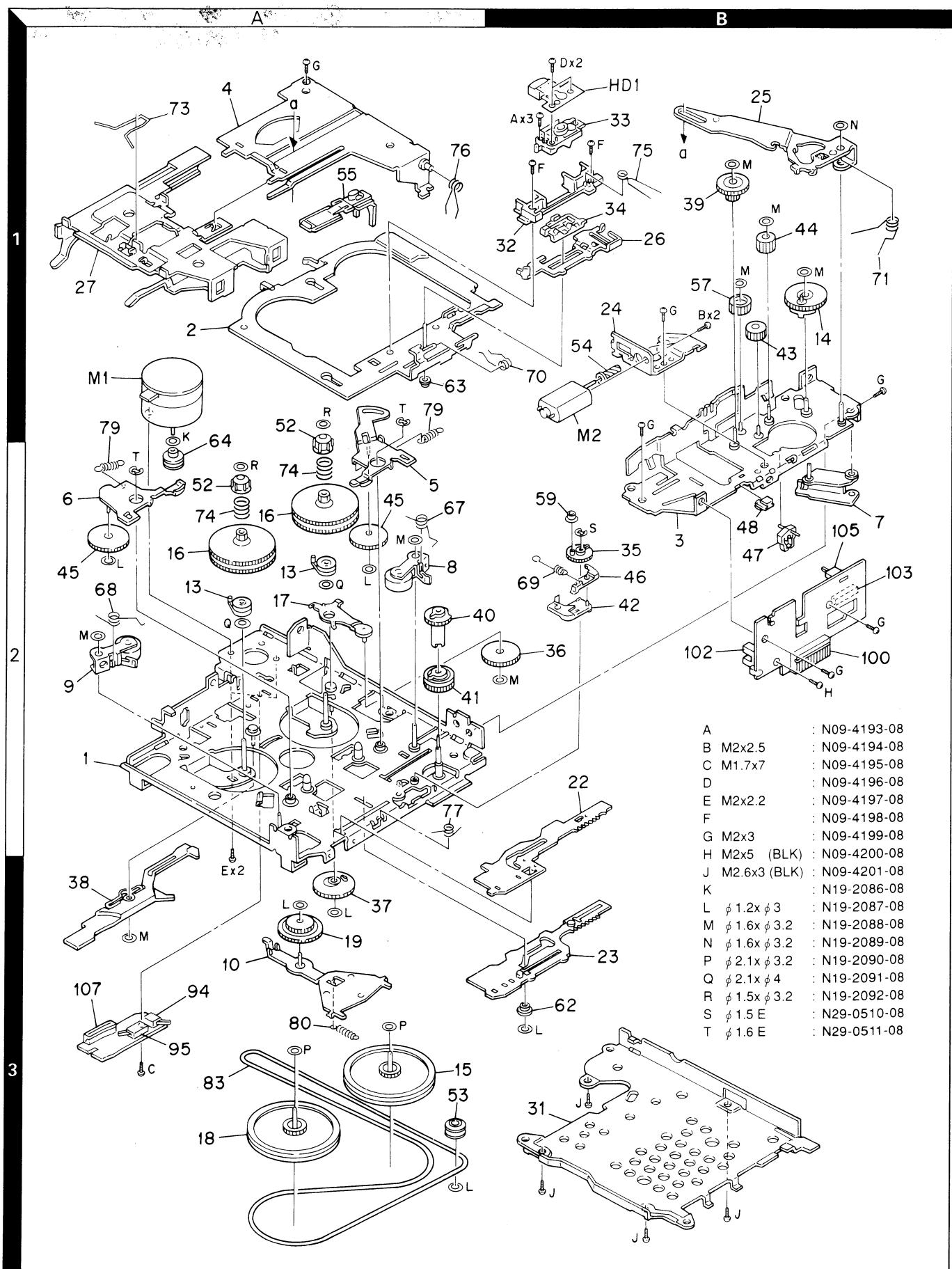
SWITCH UNIT (X13-8960-10/2-71)



KRC-658R
KENWOOD

IC1 : UPD16431A
IC2 : RS-141
D1-D19 : B30-1349-05
D20 : B30-1424-05(R)
D21-23 : DA227
D24,25,27,28 : UZMA6.2F
D26 : UZM6.2B(Y)
Q1 : DTC144EK
Q2 : DTA114EK

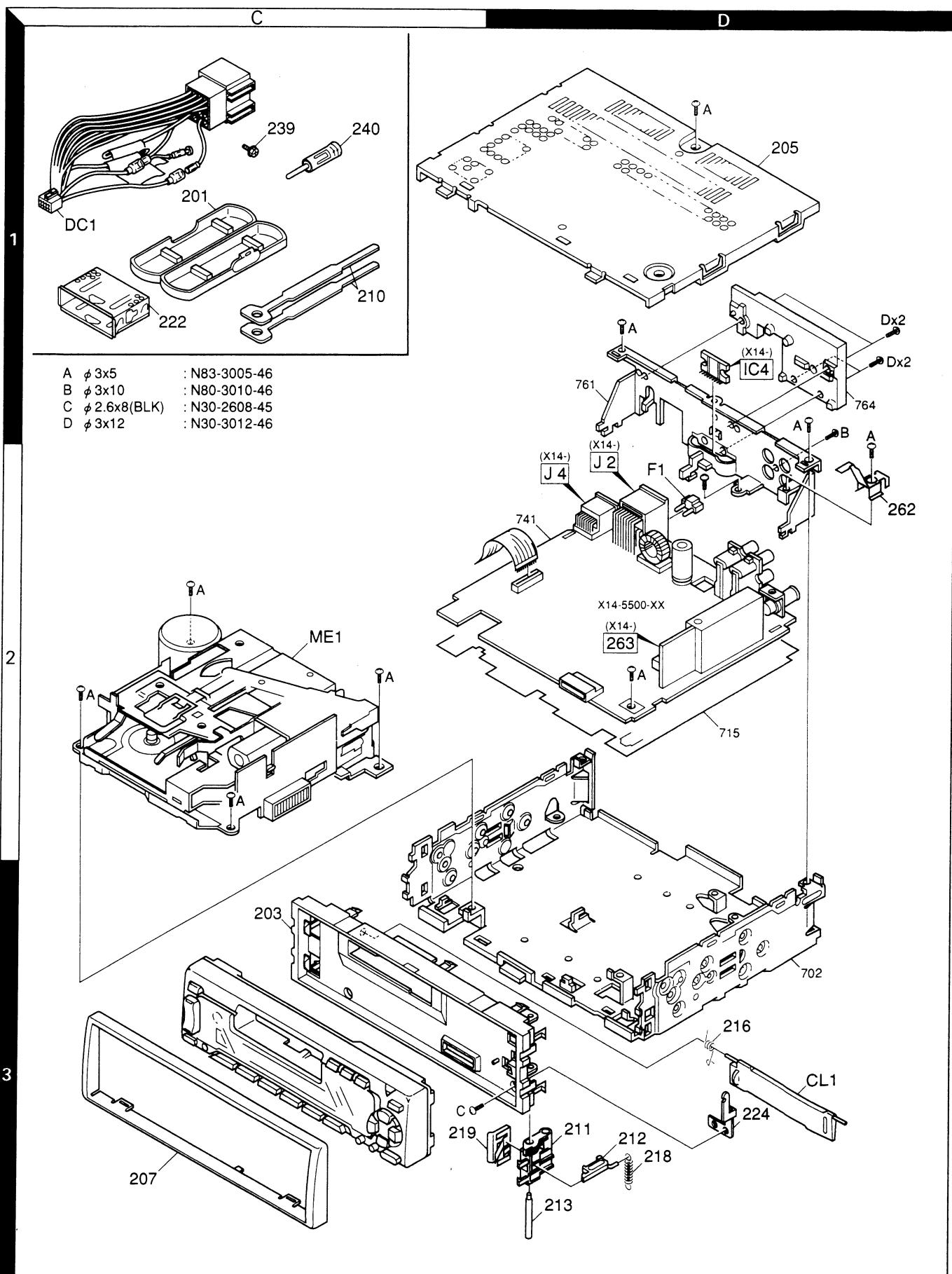
EXPLODED VIEW (MECHANISM)



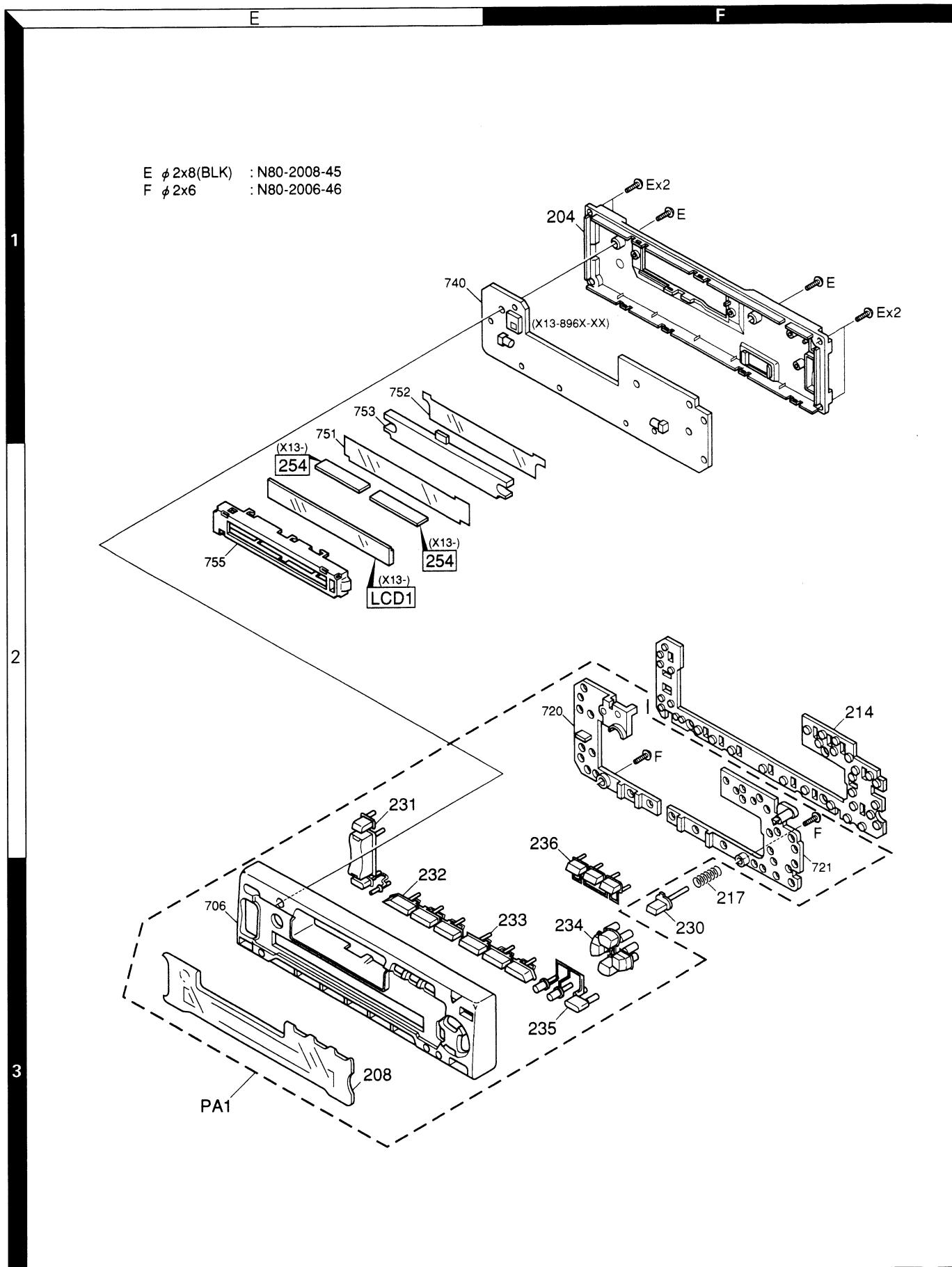
Parts with the exploded numbers larger than 700 are not supplied. 21

KRC-658R

EXPLODED VIEW (UNIT)



EXPLODED VIEW (UNIT)



Parts with the exploded numbers larger than 700 are not supplied. 23

KRC-658R

PARTS LIST

* New Parts

Parts without **Parts No.** are not supplied.

Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.

Teile ohne **Parts No.** werden nicht geliefert.

SWITCH UNIT (X13-8960-10)

Ref No.	New	Parts No.	Description/Destination
KRC-658R			
201	1C	A02-1444-03	PLASTIC CABINET ASSY
203	3C	* A22-1277-01	SUB PANEL
204	1F	A46-1257-01	REAR COVER
205	1D	* A52-0705-02	TOP PLATE
CL1	3D	* A53-1638-03	CASSETTE LID
PA1	3E	* A64-0888-02	PANEL ASSY
207	3C	* B07-2081-02	SCUTCHEON
208	3E	* B10-1712-01	FRONT GLASS
-		B46-0100-50	WARRANTY CARD
-		B46-0182-14	ID CARD
-		B58-1223-04	CAUTION CARD
-		B58-1225-04	CAUTION CARD
-		B64-0930-00	INST. MANUAL(GER, ITA, SPA)
-		B64-0931-00	INST. MANUAL(ENG, FRA)
-		B64-0932-00	INST. MANUAL(DUT, POR)
210	1C	D10-3031-04	LEVER
211	3D	* D10-4051-03	LEVER
212	3D	* D10-4052-03	LEVER
213	3D	* D21-2250-04	SHAFT
ME1	2C	D40-1081-05	CASSETTE MECHANISM ASSY
214	2F	E29-1514-02	CONDUCTIVE RUBBER
DC1	1C	E30-4424-05	DC CORD
F1	2D	F52-0006-05	FUSE(MINI BLADE TYPE)
216	3D	G01-2525-04	TORSION COIL SPRING
217	3F	G01-2738-04	COMPRESSION SPRING
218	3D	* G01-2792-04	EXTENSION SPRING
219	3D	* G02-1244-03	FLAT SPRING
-		* H10-4555-02	POLYSTYRENE FOAMED FIXTURE
-		H25-0337-04	PROTECTION BAG (180X300X0.03)
-		H25-1111-04	PROTECTION BAG (280X450X0.03)
-		* H54-0770-04	ITEM CARTON CASE
222	1C	J21-7630-13	MOUNTING HARDWARE ASSY
224	3D	* J21-7726-04	MOUNTING HARDWARE
230	3F	K24-1763-04	KNOB(RELEASE)
231	2E	K25-0786-03	KNOB(AUD)
232	3E	K25-0788-03	KNOB(1, 2, 3)
233	3E	K25-0789-03	KNOB(4, 5, 6)
234	3F	K25-0790-03	KNOB(FM, AM)
235	3F	K25-0791-03	KNOB(AUTO)
236	3F	K25-0792-03	KNOB(TUNE)
239	1C	N09-1885-05	SEMS (MACHINE SCREW)
A	1D	N83-3005-46	PAN HEAD TAPITTE SCREW
C	3C	N30-2608-45	PAN HEAD MACHINE SCREW
E	1F	N80-2008-45	PAN HEAD TAPITTE SCREW
F	2F	N80-2006-46	PAN HEAD TAPITTE SCREW
240	1C	* T90-0512-05	ANTENNA ADAPTOR
SWITCH UNIT (X13-8960-10)			
D1	-19	B30-1349-05	LED
D20		B30-1424-05	LED

Ref No.	New	Parts No.	Description/Destination
SWITCH UNIT (X13-8960-10)			
LCD1	2E	B38-0668-05	LIQUID CRYSTAL
PL1	, 2	B30-1485-05	LAMP (5.5V .125A)
C1		CK73FB1E473KTA	CHIP C 0.047UF K
C2		C92-0507-05	CHIP-TAN 4.7UF 6.3WV
C3		CK73FB1H103K	CHIP C 0.010UF K
C4		CK73FB1E473KTA	CHIP C 0.047UF K
254	2E	* E29-1516-04	CONDUCTIVE RUBBER
J1		E59-0824-05	RECTANGULAR PLUG
R1	, 2	RK73EB2B471J	CHIP R 470 J 1/8W
R3		RK73EB2B331J	CHIP R 330 J 1/8W
R4		RK73EB2B471J	CHIP R 470 J 1/8W
R5	-7	RK73EB2B331J	CHIP R 330 J 1/8W
R8		RK73EB2B471J	CHIP R 470 J 1/8W
R11		RK73FB2A152J	CHIP R 1.5K J 1/10W
R12	-16	RK73FB2A102J	CHIP R 1.0K J 1/10W
R17		RK73FB2A101J	CHIP R 100 J 1/10W
R19		RK73FB2A104J	CHIP R 100K J 1/10W
R20		RK73FB2A472J	CHIP R 4.7K J 1/10W
R21		RK73FB2A473J	CHIP R 47K J 1/10W
R22	, 23	RK73EB2B130J	CHIP R 13 J 1/8W
D21	-23	DA227	DIODE
D24	, 25	UZM4.2F	ZENER DIODE
D26		UZM6.2B(Y)	ZENER DIODE
D27	, 28	UZM6.2F	ZENER DIODE
IC1		UPD16431A	MOS-IC
IC2		RS-141	ANALOGUE IC
Q1		DTC144EK	DIGITAL TRANSISTOR
Q1		UN2213	DIGITAL TRANSISTOR
Q2		DTA114EK	DIGITAL TRANSISTOR
Q2		UN2111	DIGITAL TRANSISTOR
SYNTHESIZER UNIT (X14-5492-70)			
D251		B30-1424-05	LED
C1	, 2	CK73FB1H821K	CHIP C 820PF K
C11	, 12	CK73FB1H153KTA	CHIP C 0.015UF K
C13	-16	C90-2595-05	ELECTRO 4.7UF 16WV
C17	, 18	C93-0025-05	CERAMIC 0.22UF K
C19	, 20	C90-2608-05	ELECTRO 1.0UF 50WV
C21	, 22	C90-2595-05	ELECTRO 4.7UF 16WV
C23	, 24	CE04CW0J470M	ELECTRO 47UF 6.3WV
C29	, 30	CK73FB1H122K	CHIP C 1200PF K
C31	, 32	C90-2608-05	ELECTRO 1.0UF 50WV
C33	, 34	CK73FB1H152K	CHIP C 1500PF K
C35	-38	CK73FB1C104K	CHIP C 0.10UF K
C39	, 40	C90-2600-05	ELECTRO 2.2UF 35WV
C41	-44	C90-2592-05	ELECTRO 10UF 6.3WV
C45	-48	C90-2605-05	ELECTRO 0.33UF 50WV
C49	-52	CK73FB1H821K	CHIP C 820PF K
C53	-56	CK73FB1H562K	CHIP C 5600PF K
C59	, 60	CC73FC1H470J	CHIP C 47PF J
C63	-70	CK73FB1H153KTA	CHIP C 0.015UF K
C100	-102	CK73FB1H103K	CHIP C 0.010UF K
C103		CE04CW1A101M	ELECTRO 100UF 10WV

E: Europe K: North America M: Other Areas W: Without Europe

△ indicates safety critical components.

PARTS LIST

* New Parts

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SYNTHESIZER UNIT (X14-5492-70)

Ref No.	New	Parts No.	Description/Destination		Ref No.	New	Parts No.	Description/Destination			
C104		CK73FB1H331K	CHIP C	330PF	K	C189		C90-2592-05	ELECTRØ	10UF	6.3WV
C105		CK73FB1C823K	CHIP C	0.082UF	K	C202		C90-2608-05	ELECTRØ	1.0UF	50WV
C106		CK73FB1H103K	CHIP C	0.010UF	K	C203		CE04CW1A101M	ELECTRØ	100UF	10WV
C107		CE04DW1A101M	ELECTRØ	100UF	10WV	C204		CK73FB1H821K	CHIP C	820PF	K
C108		CK73FB1H103K	CHIP C	0.010UF	K	C205		C90-2608-05	ELECTRØ	1.0UF	50WV
C109		CE04DW1A101M	ELECTRØ	100UF	10WV	C207		CK73FB1H103K	CHIP C	0.010UF	K
C110		CC73FCH1H470J	CHIP C	47PF	J	C208		C90-2856-05	ELECTRØ	3900UF	16WV
C111		CK73FB1H103K	CHIP C	0.010UF	K	C209, 210		CK73FB1H103K	CHIP C	0.010UF	K
C112		C90-2597-05	ELECTRØ	10UF	16WV	C213, 214		C90-2595-05	ELECTRØ	4.7UF	16WV
C113		CK73FB1H471K	CHIP C	470PF	K	C215		C90-2597-05	ELECTRØ	10UF	16WV
C114		CC73FCH1H121J	CHIP C	120PF	J	C216, 217		C92-0009-05	CHIP-TAN	4.7UF	10WV
C115		CC73FCH1H120J	CHIP C	12PF	J	C218		C90-2595-05	ELECTRØ	4.7UF	16WV
C116		CK73FB1H122K	CHIP C	1200PF	K	C219		CK73EB1C334K	CHIP C	0.33UF	K
C117		CK73FB1H471K	CHIP C	470PF	K	C232		CK73FB1H103K	CHIP C	0.010UF	K
C118		CC73FCH1H820J	CHIP C	82PF	J	C233		CK73FB1H223KTA	CHIP C	0.022UF	K
C119		CK73FB1H122K	CHIP C	1200PF	K	C234		CK73FB1H103K	CHIP C	0.010UF	K
C120		CK73FB1H102K	CHIP C	1000PF	K	C251		CK73FB1H103K	CHIP C	0.010UF	K
C121		CC73FCH1H060D	CHIP C	6.0PF	D	C252		CE04CW0J331M	ELECTRØ	330UF	6.3WV
C122		CK73FB1H223KTA	CHIP C	0.022UF	K	C254, 255		CC73FCH1H220J	CHIP C	22PF	J
C123		CK73FB1H222K	CHIP C	2200PF	K	C256, 257		C90-2592-05	ELECTRØ	10UF	6.3WV
C124		CK73FB1H822K	CHIP C	8200PF	K	C258		CK73FB1H271K	CHIP C	270PF	K
C125		CK73FB1H103K	CHIP C	0.010UF	K	C259		CK73FB1H102K	CHIP C	1000PF	K
C126		C90-2592-05	ELECTRØ	10UF	6.3WV	C260, 261		C90-2608-05	ELECTRØ	1.0UF	50WV
C127, 128		CC73FCH1H270J	CHIP C	27PF	J	C262		CK73FB1H223KTA	CHIP C	0.022UF	K
C129		CK73FB1H103K	CHIP C	0.010UF	K	C263		CK73FB1H103K	CHIP C	0.010UF	K
C130		CE04CW1A470M	ELECTRØ	47UF	10WV	C264		CK73FB1H102K	CHIP C	1000PF	K
C131		CF92FV1H393J	MF-C	0.039UF	J	C265		CK73FB1H103K	CHIP C	0.010UF	K
C132		CF92FV1H682J	MF-C	6800PF	J	C300-305		CK73FB1H103K	CHIP C	0.010UF	K
C133		CK73FB1E683KTA	CHIP C	0.068UF	K	C332		CE04CW1C470M	ELECTRØ	47UF	16WV
C134		C90-2807-05	NP-ELEC	0.47UF	50WV	C333		CK73FB1C104K	CHIP C	0.10UF	K
C135		CK73FB1H103K	CHIP C	0.010UF	K	C335		CK73FB1C104K	CHIP C	0.10UF	K
C136		CE04CW1A101M	ELECTRØ	100UF	10WV	C336-338		CK73FB1C224K	CHIP C	0.22UF	K
C137		CK73FB1H103K	CHIP C	0.010UF	K	C339		CK73FB1H103K	CHIP C	0.010UF	K
C141, 142		CK73FB1H103K	CHIP C	0.010UF	K						
C162		CE04CW1A470M	ELECTRØ	47UF	10WV	262	2D	E29-1497-04	LEAD PLATE		
						263	2D	E31-8094-05	LEAD WIRE		
C163		CK73FB1H103K	CHIP C	0.010UF	K	CN1		E40-9541-05	PIN ASSY		
C164, 165		CK73FB1H102K	CHIP C	1000PF	K	CN5		E40-9184-05	PIN ASSY		
C166		CK73FB1C154K	CHIP C	0.15UF	K	J1		E04-0306-05	RF COAXIAL CABLE RECEPTACLE		
C167		CC73FCH1H271J	CHIP C	270PF	J						
C168		CK73FB1H223KTA	CHIP C	0.022UF	K	J2		E58-0836-05	RECTANGULAR RECEPTACLE		
C169		CK73FB1E473KTA	CHIP C	0.047UF	K	J3		E58-0854-05	RECTANGULAR RECEPTACLE		
C170		CK73FB1H102K	CHIP C	1000PF	K	J4		E56-0809-05	CYLINDRICAL RECEPTACLE		
C171		CK73FB1H103K	CHIP C	0.010UF	K	J6		E13-0446-05	PHONE JACK (4P RCA)		
C172		CK73FB1C823K	CHIP C	0.082UF	K	L1		L33-1039-05	LINE FILTER COIL		
C173, 174		CK73FB1C184K	CHIP C	0.18UF	K	L2		L40-1001-17	SMALL FIXED INDUCTOR(10UH, K)		
C176		CK73FB1H103K	CHIP C	0.010UF	K	L6		L92-0308-05	FERRITE CORE		
C177		C90-2854-05	ELECTRØ	10UF	10WV	L7		L40-4791-17	SMALL FIXED INDUCTOR(4.7UH, K)		
C178		C90-2525-05	NP-ELECT	2.2UF	35WV	L10		L40-1001-17	SMALL FIXED INDUCTOR(10UH, K)		
C180		C90-2608-05	ELECTRØ	1.0UF	50WV	L11		L33-1063-05	CHOKES COIL		
C181		CK73FB1C823K	CHIP C	0.082UF	K	L12		L40-4791-17	SMALL FIXED INDUCTOR(4.7UH, K)		
C182		C90-2608-05	ELECTRØ	1.0UF	50WV	X1		L77-1166-05	CRYSTAL RESONATOR		
C183		CK73FB1E274K	CHIP C	0.27UF	K	X2		L78-0545-05	RESONATOR (CSB456FB38, AN)		
C184		CE04CW1A330M	ELECTRØ	33UF	10WV	X3		L77-2051-05	CRYSTAL RESONATOR(8.664M)		
C185		C90-2608-05	ELECTRØ	1.0UF	50WV	A	1D	N83-3005-46	PAN HEAD TAPPIE SCREW		
C186		CK73FB1H103K	CHTP C	0.010UF	K	B	1D	N80-3010-46	PAN HEAD TAPPIE SCREW		

E: Europe K: North America M: Other Areas W: Without Europe

△ indicates safety critical components.

KRC-658R

PARTS LIST

* New Parts

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Teile ohne **Parts No.** werden nicht geliefert.

SYNTHESIZER UNIT (X14-5492-70)

Ref No.	New	Parts No.	Description/Destination				Ref No.	New	Parts No.	Description/Destination			
D 1D		N30-3012-46	PAN HEAD MACHINE SCREW				R144		RK73FB2A332J	CHIP R	3.3K	J	1/10W
R1 ,2		RK73FB2A473J	CHIP R	47K	J	1/10W	R145		RK73FB2A470J	CHIP R	47	J	1/10W
R5 ,6		RK73FB2A304J	CHIP R	300K	J	1/10W	R146		RK73FB2A222J	CHIP R	2.2K	J	1/10W
R7 ,8		RK73FB2A682J	CHIP R	6.8K	J	1/10W	R147		RK73FB2A472J	CHIP R	4.7K	J	1/10W
R9 ,10		RK73FB2A821J	CHIP R	820	J	1/10W	R148		RK73FB2A331J	CHIP R	330	J	1/10W
R11 ,12		RK73FB2A393J	CHIP R	39K	J	1/10W	R149		RK73FB2A102J	CHIP R	1.0K	J	1/10W
R21 ,22		RK73EB2B100J	CHIP R	10	J	1/8W	R150		RK73FB2A101J	CHIP R	100	J	1/10W
R23		RK73EB2B4R7J	CHIP R	4.7	J	1/8W	R151,152		RK73FB2A103J	CHIP R	10K	J	1/10W
R29 ,30		RK73FB2A102J	CHIP R	1.0K	J	1/10W	R153		RK73FB2A123J	CHIP R	12K	J	1/10W
R31 ,32		RK73FB2A622J	CHIP R	6.2K	J	1/10W	R154-156		RK73FB2A102J	CHIP R	1.0K	J	1/10W
R33 -36		RK73FB2A472J	CHIP R	4.7K	J	1/10W	R157		RK73FB2A470J	CHIP R	47	J	1/10W
R37 -40		RK73FB2A303J	CHIP R	30K	J	1/10W	R160		RK73FB2A220J	CHIP R	22	J	1/10W
R41 -44		RK73FB2A271J	CHIP R	270	J	1/10W	R161		RK73FB2A302J	CHIP R	3.0K	J	1/10W
R45 -50		RK73FB2A101J	CHIP R	100	J	1/10W	R162		RK73FB2A271J	CHIP R	270	J	1/10W
R53 ,54		RK73FB2A101J	CHIP R	100	J	1/10W	R164		RK73FB2A184J	CHIP R	180K	J	1/10W
R99		RK73FB2A473J	CHIP R	47K	J	1/10W	R165,166		RK73FB2A104J	CHIP R	100K	J	1/10W
R100		RK73FB2A103J	CHIP R	10K	J	1/10W	R167		RK73FB2A683J	CHIP R	68K	J	1/10W
R101		RK73FB2A363J	CHIP R	36K	J	1/10W	R168		RK73FB2A183J	CHIP R	18K	J	1/10W
R102		RK73FB2A473J	CHIP R	47K	J	1/10W	R169		RK73FB2A474J	CHIP R	470K	J	1/10W
R103,104		RK73FB2A103J	CHIP R	10K	J	1/10W	R170		RK73FB2A823J	CHIP R	82K	J	1/10W
R105		RK73FB2A102J	CHIP R	1.0K	J	1/10W	R171		RK73FB2A100J	CHIP R	10	J	1/10W
R106		RK73EB2B562J	CHIP R	5.6K	J	1/8W	R172		RK73FB2A472J	CHIP R	4.7K	J	1/10W
R107,108		RK73FB2A223J	CHIP R	22K	J	1/10W	R173		RK73FB2A471J	CHIP R	470	J	1/10W
R110		RK73FB2A822J	CHIP R	8.2K	J	1/10W	R174		RK73FB2A223J	CHIP R	22K	J	1/10W
R111		RK73FB2A472J	CHIP R	4.7K	J	1/10W	R175		RK73FB2A104J	CHIP R	100K	J	1/10W
R112		RK73FB2A561J	CHIP R	560	J	1/10W	R176		RK73FB2A471J	CHIP R	470	J	1/10W
R113		RK73FB2A472J	CHIP R	4.7K	J	1/10W	R177		RK73FB2A332J	CHIP R	3.3K	J	1/10W
R114		RK73FB2A182J	CHIP R	1.8K	J	1/10W	R178		RK73FB2A473J	CHIP R	47K	J	1/10W
R115		RK73FB2A682J	CHIP R	6.8K	J	1/10W	R179		RK73FB2A273J	CHIP R	27K	J	1/10W
R116		RK73FB2A332J	CHIP R	3.3K	J	1/10W	R180		RK73EB2B222J	CHIP R	2.2K	J	1/8W
R117		RK73FB2A473J	CHIP R	47K	J	1/10W	R181-183		RK73EB2B102J	CHIP R	1.0K	J	1/8W
R118		RK73FB2A102J	CHIP R	1.0K	J	1/10W	R184		RK73EB2B101J	CHIP R	100	J	1/8W
R119		RK73FB2A472J	CHIP R	4.7K	J	1/10W	R185,186		RK73EB2B102J	CHIP R	1.0K	J	1/8W
R120		RK73FB2A102J	CHIP R	1.0K	J	1/10W	R187		RK73EB2B101J	CHIP R	100	J	1/8W
R121		RK73FB2A222J	CHIP R	2.2K	J	1/10W	R189		RK73FB2A183J	CHIP R	18K	J	1/10W
R122,123		RK73FB2A103J	CHIP R	10K	J	1/10W	R190		RK73FB2A223J	CHIP R	22K	J	1/10W
R124		RK73FB2A563J	CHIP R	56K	J	1/10W	R193,194		RK73FB2A223J	CHIP R	22K	J	1/10W
R125		RK73FB2A272J	CHIP R	2.7K	J	1/10W	R195		RK73FB2A222J	CHIP R	2.2K	J	1/10W
R126		RK73FB2A103J	CHIP R	10K	J	1/10W	R196		RK73FB2A562J	CHIP R	5.6K	J	1/10W
R127		RK73FB2A153J	CHIP R	15K	J	1/10W	R200		RK73FB2A103J	CHIP R	10K	J	1/10W
R128,129		RK73FB2A562J	CHIP R	5.6K	J	1/10W	R201		RK73FB2A223J	CHIP R	22K	J	1/10W
R130		RK73FB2A823J	CHIP R	82K	J	1/10W	R204		RK73FB2A681J	CHIP R	680	J	1/10W
R131		RK73FB2A103J	CHIP R	10K	J	1/10W	R205		RK73FB2A391J	CHIP R	390	J	1/10W
R132		RK73FB2A104J	CHIP R	100K	J	1/10W	R206		RK73FB2A154J	CHIP R	150K	J	1/10W
R133		RK73FB2A103J	CHIP R	10K	J	1/10W	R207		RK73FB2A123J	CHIP R	12K	J	1/10W
R134,135		RK73FB2A222J	CHIP R	2.2K	J	1/10W	R208		RK73FB2A103J	CHIP R	10K	J	1/10W
R136		RK73FB2A103J	CHIP R	10K	J	1/10W	R209		RD14DB2H332J	SMALL-RD	3.3K	J	1/2W
R137		RK73FB2A102J	CHIP R	1.0K	J	1/10W	R212		RK73FB2A331J	CHIP R	330	J	1/10W
R138		RK73FB2A750J	CHIP R	75	J	1/10W	R213		RK73FB2A102J	CHIP R	1.0K	J	1/10W
R139		RK73FB2A332J	CHIP R	3.3K	J	1/10W	R214		RK73FB2A332J	CHIP R	3.3K	J	1/10W
R140		RK73FB2A223J	CHIP R	22K	J	1/10W	R215		RK73FB2A472J	CHIP R	4.7K	J	1/10W
R141		RK73FB2A101J	CHIP R	100	J	1/10W	R216		RK73FB2A222J	CHIP R	2.2K	J	1/10W
R142		RK73FB2A562J	CHIP R	5.6K	J	1/10W	R217		RK73FB2A103J	CHIP R	10K	J	1/10W
R143		RK73FB2A752J	CHIP R	7.5K	J	1/10W	R218		RK73EB2B472J	CHIP R	4.7K	J	1/8W
							R220		RK73FB2A472J	CHIP R	4.7K	J	1/10W

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SYNTHESIZER UNIT (X14-5492-70)

Ref No.	New	Parts No.	Description/Destination				Ref No.	New	Parts No.	Description/Destination			
R222		RK73FB2A752J	CHIP R	7.5K	J	1/10W	R346		RK73FB2A103J	CHIP R	10K	J	1/10W
R233		RK73EB2B102J	CHIP R	1.0K	J	1/8W	R347		RK73FB2A332J	CHIP R	3.3K	J	1/10W
R234		RK73FB2A104J	CHIP R	100K	J	1/10W	VR1 ,2		R12-0678-05	TRIMMING POT.(10K)			
R235		RK73EB2B470J	CHIP R	47	J	1/8W	VR3		R12-0679-05	TRIMMING POT.(22K)			
R236		RK73EB2B102J	CHIP R	1.0K	J	1/8W	D1 -4		DA204K	DIODE			
R237		RK73FB2A104J	CHIP R	100K	J	1/10W	D101-103		1SS133	DIODE			
R238		RK73EB2B102J	CHIP R	1.0K	J	1/8W	D104		DA204K	DIODE			
R239		RK73FB2A104J	CHIP R	100K	J	1/10W	D200		DAN202K	DIODE			
R240, 241		RK73EB2B102J	CHIP R	1.0K	J	1/8W	D200		MA152WK	DIODE			
R242		RK73EB2B472J	CHIP R	4.7K	J	1/8W	D202		1SS133	DIODE			
R244		RK73EB2B470J	CHIP R	47	J	1/8W	D203		RM10ZLF	DIODE			
R245		RK73FB2A472J	CHIP R	4.7K	J	1/10W	D204		UZL-7(L3)	ZENER DIODE			
R246		RK73FB2A471J	CHIP R	470	J	1/10W	D205		1SS133	DIODE			
R258		RK73FB2A222J	CHIP R	2.2K	J	1/10W	D206		UZ-5.1BS(B)	ZENER DIODE			
R259		RK73FB2A334J	CHIP R	330K	J	1/10W	D207		AM01Z	DIODE			
R260-262		RK73FB2A472J	CHIP R	4.7K	J	1/10W	D207		DSM1SD2	DIODE			
R263		RK73FB2A104J	CHIP R	100K	J	1/10W	D209		1SS133	DIODE			
R265		RK73FB2A223J	CHIP R	22K	J	1/10W	D210		AM01Z	DIODE			
R266		RK73FB2A102J	CHIP R	1.0K	J	1/10W	D210		DSM1SD2	DIODE			
R267		RK73FB2A223J	CHIP R	22K	J	1/10W	D211		DAN202K	DIODE			
R268		RK73FB2A102J	CHIP R	1.0K	J	1/10W	D211		MA152WK	DIODE			
R269		RK73FB2A223J	CHIP R	22K	J	1/10W	D212		DAP202K	DIODE			
R273		RK73FB2A472J	CHIP R	4.7K	J	1/10W	D212		MA152WA	DIODE			
R276		RK73FB2A104J	CHIP R	100K	J	1/10W	D214		DAN202K	DIODE			
R283		RK73FB2A104J	CHIP R	100K	J	1/10W	D214		MA152WK	DIODE			
R288		RK73FB2A222J	CHIP R	2.2K	J	1/10W	D216		DAN202K	DIODE			
R290, 291		RK73FB2A472J	CHIP R	4.7K	J	1/10W	D216		MA152WK	DIODE			
R292		RK73FB2A101J	CHIP R	100	J	1/10W	D218		DAN202K	DIODE			
R293-296		RK73FB2A222J	CHIP R	2.2K	J	1/10W	D218		MA152WK	DIODE			
R297-299		RK73FB2A102J	CHIP R	1.0K	J	1/10W	D231		DAN202K	DIODE			
R300		RK73FB2A222J	CHIP R	2.2K	J	1/10W	D231		MA152WK	DIODE			
R301-303		RK73FB2A472J	CHIP R	4.7K	J	1/10W	D232-235		UZMA6.2F	ZENER DIODE			
R305		RK73FB2A472J	CHIP R	4.7K	J	1/10W	D252		DAN202K	DIODE			
R306		RK73FB2A104J	CHIP R	100K	J	1/10W	D252		MA152WK	DIODE			
R307		RK73FB2A223J	CHIP R	22K	J	1/10W	D331		UZ-22BS(B)	ZENER DIODE			
R308		RK73FB2A472J	CHIP R	4.7K	J	1/10W	D332		UZ-7.5BS(B)	ZENER DIODE			
R315		RK73FB2A472J	CHIP R	4.7K	J	1/10W	D333		AM01Z	DIODE			
R316		RK73FB2A104J	CHIP R	100K	J	1/10W	D333		DSM1SD2	DIODE			
R318		RK73FB2A472J	CHIP R	4.7K	J	1/10W	D334		UZ-12BS(B)	ZENER DIODE			
R319		RK73FB2A241J	CHIP R	240	J	1/10W	IC1		LC72146M	MOS-IC			
R320		RK73FB2A102J	CHIP R	1.0K	J	1/10W	IC2		TC4W66F	IC			
R321		RK73FB2A105J	CHIP R	1.0M	J	1/10W	IC3		NJM4565M-TE2	ANALOGUE IC			
R324		RK73FB2A103J	CHIP R	10K	J	1/10W	IC4		TDA7420	ANALOGUE IC			
R325		RK73FB2A333J	CHIP R	33K	J	1/10W	IC5		HA12134AF	IC(DOLBY B NR SYSTEM)			
R326		RK73FB2A153J	CHIP R	15K	J	1/10W	IC6		TDA7384A	ANALOGUE IC			
R327		RK73FB2A4R7J	CHIP R	4.7	J	1/10W	IC7		BA3917-V4	ANALOGUE IC			
R331		RK73FB2A102J	CHIP R	1.0K	J	1/10W	IC8		ST7285A5Q6ACLK	MI-COM IC			
R332		RK73FB2A122J	CHIP R	1.2K	J	1/10W	IC9		BA6219BFP-Y	ANALOGUE IC			
R333		RK73FB2A104J	CHIP R	100K	J	1/10W	IC10		PST9137NR	ANALOGUE IC			
R334, 335		R92-2104-05	CHIP R	2.2	J	1W	Q1 -4		DTC143TK	DIGITAL TRANSISTOR			
R337		RD14DB2H102J	SMALL-RD	1.0K	J	1/2W	Q1 -4		UN2216	DIGITAL TRANSISTOR			
R338		RK73FB2A104J	CHIP R	100K	J	1/10W	Q102,103		DTC124EK	DIGITAL TRANSISTOR			
R339, 340		RK73FB2A471J	CHIP R	470	J	1/10W	Q102,103		UN2212	DIGITAL TRANSISTOR			
R344		RK73FB2A103J	CHIP R	10K	J	1/10W	Q104		2SA1037K	TRANSISTOR			
R345		RK73FB2A332J	CHIP R	3.3K	J	1/10W							

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KRC-658R

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SYNTHESIZER UNIT (X14-5492-70)

Ref No.	New	Parts No.	Description/Destination	Ref No.	New	Parts No.	Description/Destination
Q105-109		2SC2412K	TRANSISTOR	Q337		2SD601A	TRANSISTOR
Q105-109		2SD601A	TRANSISTOR	Q338		2SB1184	TRANSISTOR
Q110		DTA124EK	DIGITAL TRANSISTOR	Q339		DTC114EK	DIGITAL TRANSISTOR
Q110		UN2112	DIGITAL TRANSISTOR	Q339		UN2211	DIGITAL TRANSISTOR
Q111		DTC114TK	DIGITAL TRANSISTOR	Q340		2SA1036K	TRANSISTOR
Q111		UN2215	DIGITAL TRANSISTOR	Q341		DTC114EK	DIGITAL TRANSISTOR
Q112		2SA1037K	TRANSISTOR	Q341		UN2211	DIGITAL TRANSISTOR
Q113		DTC144EK	DIGITAL TRANSISTOR	Q342		2SA1036K	TRANSISTOR
Q113		UN2213	DIGITAL TRANSISTOR	TH1		NT732ATD33KJ	THERMISTOR
Q114		2SK536	FET	TU1	2D	W02-1573-05	FM/AM FRONT-END
Q116		2SK536	FET				
Q117		2SC2412K	TRANSISTOR				
Q117		2SD601A	TRANSISTOR				
Q161		2SC2412K	TRANSISTOR				
Q161		2SD601A	TRANSISTOR				
Q162		DTC144EK	DIGITAL TRANSISTOR				
Q162		UN2213	DIGITAL TRANSISTOR				
Q163		DTC124EK	DIGITAL TRANSISTOR				
Q163		UN2212	DIGITAL TRANSISTOR				
Q164		2SA1037K	TRANSISTOR				
Q201		2SC2412K	TRANSISTOR				
Q201		2SD601A	TRANSISTOR				
Q202		2SD1760	TRANSISTOR				
Q203, 204		DTC144EK	DIGITAL TRANSISTOR				
Q203, 204		UN2213	DIGITAL TRANSISTOR				
Q205		2SA1037K	TRANSISTOR				
Q206		DTC144EK	DIGITAL TRANSISTOR				
Q206		UN2213	DIGITAL TRANSISTOR				
Q232		DTA124EK	DIGITAL TRANSISTOR				
Q232		UN2112	DIGITAL TRANSISTOR				
Q251		2SC2412K	TRANSISTOR				
Q251		2SD601A	TRANSISTOR				
Q252		DTC124EK	DIGITAL TRANSISTOR				
Q252		UN2212	DIGITAL TRANSISTOR				
Q253, 254		DTC144EK	DIGITAL TRANSISTOR				
Q253, 254		UN2213	DIGITAL TRANSISTOR				
Q255		DTA144EK	DIGITAL TRANSISTOR				
Q255		UN2113	DIGITAL TRANSISTOR				
Q256		DTA124EK	DIGITAL TRANSISTOR				
Q256		UN2112	DIGITAL TRANSISTOR				
Q257		DTA144EK	DIGITAL TRANSISTOR				
Q257		UN2113	DIGITAL TRANSISTOR				
Q258		DTA124EK	DIGITAL TRANSISTOR				
Q258		UN2112	DIGITAL TRANSISTOR				
Q331		DTC144EK	DIGITAL TRANSISTOR				
Q331		UN2213	DIGITAL TRANSISTOR				
Q332		DTA124EK	DIGITAL TRANSISTOR				
Q332		UN2112	DIGITAL TRANSISTOR				
Q333		2SC2412K	TRANSISTOR				
Q333		2SD601A	TRANSISTOR				
Q334		2SB1443	TRANSISTOR				
Q335		DTC114EK	DIGITAL TRANSISTOR				
Q335		UN2211	DIGITAL TRANSISTOR				
Q336		2SB1443	TRANSISTOR				
Q337		2SC2412K	TRANSISTOR				

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CASSETTE MECHANISM ASS'Y (D40-1081-05)

Ref No.	N e w	Parts No.	Description/Destination
54	1B	* D13-1336-08	WORM
55	1A	* D10-4121-08	SLIDER
57	1B	* D13-1337-08	GEAR
59	2B	* J31-1036-08	COLLAR
62	3B	* D14-0683-08	ROLLER
63	1A	* D14-0684-08	ROLLER
64	2A	* D15-0914-08	PULLEY
67	2A	* G01-2832-08	TORSION COIL SPRING
68	2A	* G01-2833-08	TORSION COIL SPRING
69	2B	* G01-2834-08	TENSION COIL SPRING
70	1B	* G01-2835-08	TORSION COIL SPRING
71	1B	* G01-2836-08	TORSION COIL SPRING
73	1A	* G09-2020-08	SPRING
74	2A	* G01-2837-08	COMPRESSION SPRING
75	1B	* G01-2838-08	TORSION COIL SPRING
76	1A	* G01-2839-08	TORSION COIL SPRING
77	2B	* G01-2843-08	TORSION COIL SPRING
79	1A	* G01-2840-08	TENSION COIL SPRING
80	3A	* G01-2841-08	TENSION COIL SPRING
83	3A	* D16-0609-08	BELT
94	3A	* S64-0804-08	LEVER SWITCH
95	3A	* S64-0805-08	LEVER SWITCH
100	2B	* E30-4460-08	CONNECTOR ASSY(10P)
102	2B	T95-0213-08	PHOTO COUPLER
103	2B	* S62-0858-08	SLIDE SWITCH
105	2B	* S74-0813-08	LEAF SWITCH
107	3A	* E30-4468-08	CONNECTOR ASSY(7P)
A	1B	* N09-4193-08	SCREW
B	1B	* N09-4194-08	SCREW
C	1A	* N09-4195-08	SCREW
D	1B	* N09-4196-08	SCREW
E	2A	* N09-4197-08	SCREW
F	1B	* N09-4198-08	SCREW
G	1A	* N09-4199-08	SCREW
H	2B	* N09-4200-08	SCREW
HD1	1B	* T31-0220-08	PLAYBACK HEAD
J	3B	* N09-4201-08	SCREW
K	2A	* N19-2086-08	FLAT WASHER
L	3A	* N19-2087-08	FLAT WASHER
M	3A	* N19-2088-08	FLAT WASHER
M1	1A	* T42-0759-08	MAIN MOTOR
M2	1B	* T42-0755-08	MOTOR ASSY
N	1B	* N19-2089-08	FLAT WASHER
P	3A	* N19-2090-08	FLAT WASHER
Q	2A	* N19-2091-08	FLAT WASHER
R	1A	* N19-2092-08	FLAT WASHER
S	2B	* N29-0510-08	RETAINING RING
T	3A	* N29-0511-08	RETAINING RING

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KRC-658R

SPECIFICATIONS

FM tuner section

Frequency range (50kHz Space) ...	87.5MHz~108.0MHz
Usable sensitivity (S/N = 26dB)	0.7μV/75Ω
Quieting Sensitivity (S/N = 46dB)	1.6μV/75Ω
Frequency response (±3.0dB)	30Hz~15kHz
Signal to Noise ratio (MONO)	68dB
Selectivity (DIN)	≥ 80dB (±400kHz)
Stereo separation (1kHz)	35dB

MW tuner section

Frequency range (9kHz Space)	531kHz~1611kHz
Usable sensitivity (S/N=20dB)	30μV

LW tuner section

Frequency range	153kHz~281kHz
Usable sensitivity (S/N=20dB)	45μV

Cassette player section

Tape speed	4.76cm/sec.
Wow & Flutter (WRMS)	0.08%
Frequency response (±3dB)	
120μs	30Hz~16kHz
70μs	30Hz~18kHz
Separation (1kHz)	40dB
Signal to Noise ratio	
Dolby NR OFF	57dB
Dolby B NR ON	63dB

Audio section

Maximum output power	35W x 4
Output power (DIN 45324, +B=14.4V)	25W x 4
Tone action	
Bass	100Hz±10dB
Treble	10kHz±10dB
Preout level/load	1800mV/10kΩ
Preout Impedance	≤ 600Ω

General

Operating voltage	14.4V (11~16V allowable)
Current consumption	10A at Rated power
Installation size (W x H x D)	182 x 53 x 154 mm
Weight	1.5kg

KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice. DOLBY and the double-D symbol are trademarks of Dolby Laboratories Licensing Corporation. Noise reduction circuit made under license from Dolby Laboratories Licensing Corporation.

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